ANDERS BETON 2023

CATTLE PIGS CALVES ARABLE FARMING PAVING PLATES

ANDERSBETON

EN

DESIGNED
TO BE
BETTER

ANDERS BETON

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OPENING HOURS:

You can reach our offices, Monday to Friday, from 8am to 12pm and from 1pm to 5pm.

GENERAL CONTACT INFORMATION:

www.andersbeton.com



DESIGNED TO BE BETTER

PREFACE

DOMINIQUE VAN DER VELDEN

Winston Churchill once wrote “Never waste a good crisis”. And that is still true today. Whatever the crisis - nitrogen, energy, the water level on the Rhine - it seems like everything is changing every day. In these uncertain times, it is more important than ever for companies to offer stability and security to their employees, customers and suppliers.

Last year, we faced the nitrogen crisis that made us rethink our organisations. Volumes were down, but we are confident that the agricultural market will return to better times towards 2025. At Anders Beton, however, we did not sit back. We are taking advantage of this quieter time to invest in expanding other markets.

At the end of 2022, Anders Beton moved integrally to Grobbendonk. All concrete production is centralized there and we invested in a modern office building. Our IT systems have been completely revamped, allowing us to focus on our mission and vision - the pursuit of an operationally excellent company. The benefits of centralization are already evident today: shorter lines of communication and greater involvement in the operational heart of our business.

So we want to reassure you: Anders Beton will always remain active in the agricultural market. After all, it is in our DNA. We are proud to provide our customers with high-quality concrete products that can help their businesses grow and prosper.

We wish you much reading pleasure and hope to welcome you soon at Anders Beton.

Dominique van der Velden
CEO

TABLE OF CONTENT

Our general terms and conditions of sale and processing conditions can be found at the back of this brochure. You can also download this brochure from our website **www.andersbeton.com**

ABOUT US

HISTORY

Anders Beton was founded in 1964 in Hoogstraten on the Belgian-Dutch border by farmer's son Korneel "Kees" van der Velden. Shortly after its establishment, he came with the idea of making concrete barn floors. In 1998, Jan van der Velden invested in a new facility in Grobbendonk at the Albert Canal.

Our company became the market leader in the production of barn floors in Western Europe. Grandson Dominique van der Velden took over the management of our company in 2017.

Today's success is due to the constant innovations that are not only meant to increase the return of the farmers, but also respond to the rising animal welfare requirements and emission standards.

DRIVEN SPECIALIZATION

In 2014 we decided to commercialize with a new name: Anders Beton. Anders Beton took over the sales activities from Van der Velden Beton. The concrete factories concentrate exclusively on the production of concrete products.

In 2019 the sales activities of Den Boer Beton in the Netherlands have been integrated. Meanwhile, the integration of the product range has been implemented.

Today's success is due to the constant innovations that are not only meant to increase the return of the farmers, but also respond to the rising animal welfare requirements and emission standards.

Our products are distributed by a strong sales team and a professional dealer network. Each sales manager is responsible for a local market area.

The dealers are located in the export markets and are being supported from the head office.

QUALITY

QUALITY IS A MENTALITY ROOTED IN YEARS OF EXPERIENCE

Our family company has over 55 years of experience in the market of agricultural concrete products and has consistently focussed on high quality over the years. For example, we were the first European manufacturer of agricultural concrete slats with its own concrete lab and later also the first manufacturer with quality recognition by the Belgian BENOR label. This history has created a business mentality that strives for the highest quality.

QUALITY FROM START TO FINISH

During the design of our products we already take the strictest European standards into account, both for the product itself and for the animals and the environment. We calculate carefully all new models of load-bearing elements in advance. Then we test the first series in practice on our own bending machine that is specifically designed to suit our elements.

We only use certified raw materials for production. This goes from granulates of the best quality to high-quality cement (specifically developed for agricultural applications). We also produce the reinforcement with certificate in our own fully automatic welding plant. During production, our experienced production team keeps a close eye on quality. In addition, there are automated controls such as a computer-controlled analysis of each concrete mix and an automatic reinforcement check of each product. Finally, we check every truck one last time before shipment and then entrust it to our experienced transporters. Using our carefully elaborated processing conditions the products can be correctly unloaded and placed.

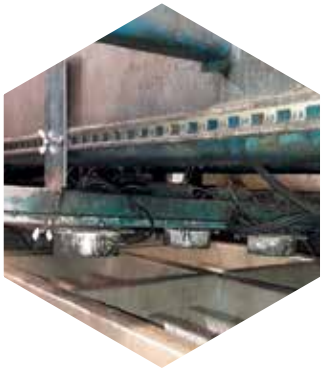
▲ CERTIFICATES ANDERS BETON PRODUCTS

EU

Belgium

The Netherlands

Germany



ASSURED QUALITY

Anders Beton has its own quality department with a quality manager and several lab technicians. With the motto many eyes see a lot this quality department supports our production staff members with their quality follow-up every day and we implement various tests in our own concrete labs. In addition there are about 30 audits per year through external quality audits in the context of certification.

SAFETY AND STRENGTH GUARANTEED

Right from the design phase, we carefully calculate the load-bearing capacity of each new concrete model in accordance with the European standards. Moreover, in the calculations we combine conservative assumptions for the load (animal weights, axle distances, track widths, wheel prints, dynamic impact coefficients, etc.) with the most stringent national safety coefficients of Belgium, the Netherlands and Germany. The type calculations of our slats have also been validated by the quality marks BENOR and KOMO.

To put it to the test, the strength is checked once more in practice, because new elements are always first tested on our own bending bench that has been specifically designed for this application. As a result, our declared load capacity is always 100% guaranteed and we can safely say that we supply the safest and strongest slats on the market.

INNOVATIVE R&D TEAM

The internal R&D department consists of an extensive team of engineers who daily researches new opportunities. This way we have been developing the products of tomorrow. All production machines, mold parts and associated knowledge are built and developed internally.

CUSTOMISED PRODUCTS

Due to the increasing demand for customised products, our casting hall was recently expanded.

By using self-compacting concrete, Anders Beton is able to cast products that offer a solution to very specific problems that are difficult to realise in vibrating concrete.

Unusual penetrations, specific supporting edges, unique large or small dimensions, cast-on parts, cast-on facilities ... The possibilities are almost endless.

For more information, please contact our sales team.

CATTLE

FOR SUSTAINABLE INNOVATION

ECO-FLOORS

HYBRID TECHNOLOGY

COMFORTABLE WALKING SURFACE

The walking surface of ECO-Floors always consists of a combination of concrete and rubber. Both concrete and rubber have advantages and disadvantages. The ECO-Floors combine the advantages and eliminate the disadvantages. The ECO-Floors have been on the market for 13 years and are in use by more than 2.000 farmers. These floors have thus amply proven themselves.

OPTIMAL WALKABILITY

The hybrid walking surface of concrete and rubber ensures a high grip for the cows. The floor is also very walkable for the farmer. The combination of concrete and rubber is the key factor to this high grip, because two materials provide more anti-slip. ECO-Floors are walking floors and not lying floors. The presence of concrete prevents the cows from using the floor as a lying floor.

INCREASED PRODUCTIVITY

With ECO-Floors, dairy farmers can achieve higher productivity. Our customers note an increase in the general health of their animals and a higher lifetime production. DLG has tested the ECO-Floor in practice with positive results. ECO-Floors have a great positive impact on the claws and leg health, heat detection and activity of your cows.

APPLICABLE AS A LOW-EMISSION FLOOR

The low-emission ECO-Floor is fully measured and recognised in the Netherlands with a final emission factor of 7 kg NH3 per cow per year on the RAV list. Anders Beton is investigating options for variants of the ECO-Floor.

DLG SIGNUM TEST 05/15 bestanden

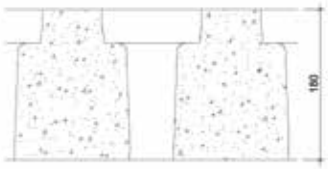
INVESTING IN THE ECO-FLOOR IS CHOOSING:

- A proven technique with more than 2.000 references
- High durability and long lifespan of the materials
- Increased activity of your cows thanks to excellent walkability
- Good claw health
- Maximum grip for your cows and for yourself
- Good and simple heat detection
- An investment in higher productivity

STRUCTURE OF THE ECO-FLOOR

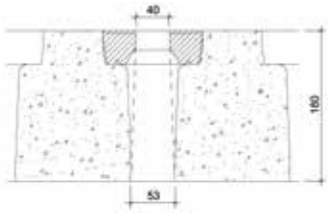
ECO-SLAT

The basis of the ECO-Floors is the ECO-Slat, which can be standardly driven on by tractor. The slat has a profiled surface and the sides are rounded. The ECO-Floors can be used in almost every barn thanks to our extensive delivery program.



ECO RUBBERS

The rubbers are placed in the openings of the ECO-Slat. These rubbers are enclosed in the concrete, which guarantees a long lifespan. Specialized rubber manufacturers produce the rubbers according to the quality standards and design determined by Anders Beton. There are now different types of rubbers to suit every application.



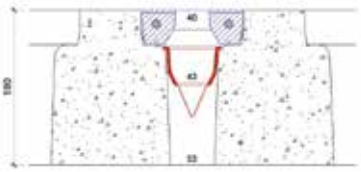
ECO-FLOORS

The rubbers have slots with a width of 40 mm. The manure and urine pass through these slots into the manure cave. In the cave the slurry is mixed regularly. This slurry can be used on land.

We recommend to use a manure scraper or manure robot, in The Netherlands it is obliged to do this. The slot percentage is 15%.

EMISSION REDUCING VALVES (OPTIONAL)

The ECO-Floors have a modular construction, which means that the valves can be installed both before and after the cows enter the barn. These valves lie under the rubber inserts and the manure passes easily through. Ask us for references.



ECO-FLOORS AND ECO-RENOVATION FLOOR

ECO-SLAT TYPE 1599.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT*
Axle load: 4 tons (wheel base 180 cm – wheel print 30 x 40 cm)				
1599.200	200	115	18	663 kg
1599.220	220	115	18	773 kg
1599.230	230	115	18	824 kg
1599.240	240	115	18	859 kg
1599.250	250	115	18	825 kg
1599.260	260	115	18	891 kg
1599.270	270	115	18	937 kg
1599.300	300	115	18	973 kg
1599.325	325	115	18	1 115 kg
1599.350	350	115	18	1 171 kg
1599.375	375	115	18	1 300 kg
1599.400	400	115	18	1 321 kg

ECO-FEED ALLEY SLAT TYPE 1899.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT*
Axle load: 10 tons (wheel base 200 cm – wheel print 40 x 40 cm)				
1899.200	200	115	18	675 kg
1899.220	220	115	18	787 kg
1899.230	230	115	18	839 kg
1899.240	240	115	18	874 kg
1899.250	250	115	18	840 kg
1899.260	260	115	18	911 kg
1899.270	270	115	18	961 kg
1899.300	300	115	18	1 000 kg

**The rubbers and valves are not included in the weight.*

ECO-RENOVATION SLAT TYPE 2599.000 AND 1599.000

Carrying out a new construction project with ECO-Floor is often accompanied by a renovation of the older barn area. ECO-Renovation slats are the ideal solution for this. The height and length are sized to commonly used dimensions of old concrete slats.

ECO-RENOVATION SLAT TYPE 2599.000 AND 1599.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT*
Axle load: 4 tons (wheel base 180 cm – wheel print 30 x 40 cm)				
2599.198	198	115	13	481 kg
2599.218	218	115	13	554 kg
2599.228	228	115	13	573 kg
2599.238	238	115	13	609 kg
1599.247	247	115	18	821 kg
2599.248	248	115	13	604 kg
2599.258	258	115	13	620 kg
2599.273	273	115	13	700 kg
1599.297	297	115	18	969 kg
2599.298	298	115	13	720 kg

CATTLE SLATS

PROFILED SLATS AND PROFILED RENOVATION SLATS

FACTORY PROFILING

Modern dairy barns are ventilated well for an optimal barn climate, as a result concrete floors dry quickly. The profiles ensure that the floor does not dry quickly. An in-house developed profiling machine profiles the concrete slats in the factory for optimal results and high durability.

PROFILED SLAT YOUNG STOCK TYPE 1799.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Axle load: 4 tons (wheel base 180 cm – wheel print 30 x 40 cm)					
1799.200	200	110	18	3,0	506 kg
1799.220	220	110	18	3,0	570 kg
1799.250	250	110	18	3,0	626 kg
1799.275	275	110	18	3,0	718 kg
1799.300	300	110	18	3,0	773 kg
1799.325	325	110	18	3,0	834 kg
1799.350	350	110	18	3,0	901 kg

PROFILED RENOVATION SLAT CATTLE TYPE 96.000PR

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Axle load: 4 tons (wheel base 180 cm – wheel print 30 x 40 cm)					
96.198PR	198	110	13	3,8	446 kg
96.218PR	218	110	13	3,8	495 kg
96.248PR	248	110	13	3,8	559 kg
96.273PR	273	110	13	3,8	634 kg
96.298PR	298	110	13	3,8	667 kg

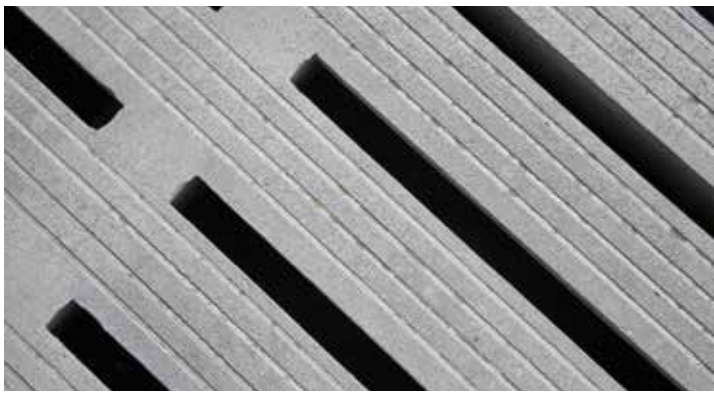
SOLID MAMMOTH SLAT

SOLID MAMMOTH SLAT TYPE 11099.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Aslast: 4 ton (spoorbreedte 180 cm – wielprent 30 x 40 cm)					
11099.200	200	115	18	4,0	663 kg
11099.220	220	115	18	4,0	724 kg
11099.230	230	115	18	4,0	757 kg
11099.240	240	115	18	4,0	796 kg
11099.250	250	115	18	4,0	829 kg
11099.260	260	115	18	4,0	863 kg
11099.270	270	115	18	4,0	896 kg
11099.280	280	115	18	4,0	929 kg
11099.290	290	115	18	4,0	962 kg
11099.300	300	115	18	4,0	995 kg
11099.325	325	115	18	4,0	1 078 kg
11099.350	350	115	18	4,0	1 161 kg
11099.400	400	115	18	4,0	1 327 kg

PROFILED SLAT CATTLE TYPE 1499.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Axel load: 4 tons (wheel base 180 cm – wheel print 30 x 40 cm)					
1499.200	200	110	18	3,5	506 kg
1499.210	210	110	18	3,5	549 kg
1499.220	220	110	18	3,5	570 kg
1499.230	230	110	18	3,5	598 kg
1499.240	240	110	18	3,5	615 kg
1499.250	250	110	18	3,5	626 kg
1499.260	260	110	18	3,5	660 kg
1499.270	270	110	18	3,5	698 kg
1499.275	275	110	18	3,5	718 kg
1499.280	280	110	18	3,5	765 kg
1499.290	290	110	18	3,5	791 kg
1499.300	300	110	18	3,5	773 kg
1499.310	310	110	18	3,5	795 kg
1499.325	325	110	18	3,5	834 kg
1499.340	340	110	18	3,5	867 kg
1499.350	350	110	18	3,5	901 kg
1499.360	360	110	18	3,5	913 kg
1499.375	375	110	18	3,5	1 052 kg
1499.400	400	110	18	3,5	1 120 kg



CATTLE SLATS

TWIN SLAT CATTLE TYPE 102.000

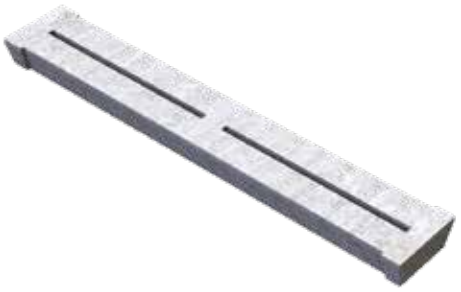
ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: A3 - 825 kg animal weight					
102.090	90	33.33	18	4,0	82 kg
102.100	100	33,33	18	4,0	102 kg

TWIN SLAT CATTLE TYPE 103.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
500 kg animal weight					
103.148	148	33.33	12	3,5	93 kg
103.178	178	33,33	12	3,5	117 kg
103.198	198	33,33	13	4,0	134 kg
103.218	218	33,33	13	4,0	147 kg
103.248	248	33,33	13	4,0	167 kg
103.273	273	33,33	13	4,0	186 kg
103.298	298	33,33	13	4,0	227 kg

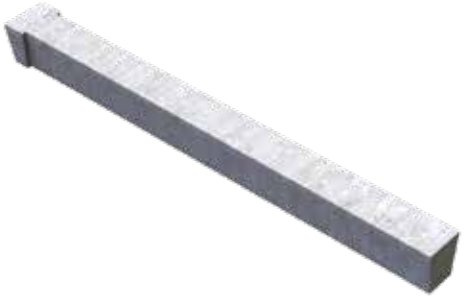
TWIN SLAT YOUNG STOCK TYPE 104.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
500 kg animal weight					
104.198	198	32	13	3,0	140 kg
104.218	218	32	13	3,0	149 kg
104.248	248	32	13	3,0	167 kg
104.273	273	32	13	3,0	185 kg



FIT-IN SLAT CATTLE TYPE 105.000

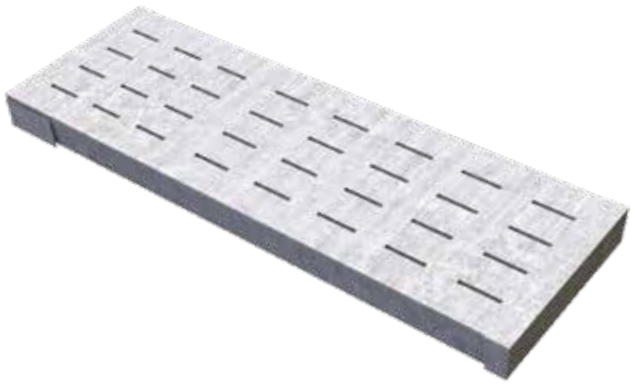
ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
500 kg animal weight				
105.300	300	20	18	198 kg
105.350	350	20	18	231 kg



STRAW SLAT

STRAW SLAT TYPE 660.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
200-300: 11,5 tons axle load 325-400: 10 tons axle load (wheel base 200 cm – wheel print 40 x 40 cm)					
660.200	200	100	20	2,0	823 kg
660.220	220	100	20	2,0	904 kg
660.230	230	100	20	2,0	948 kg
660.240	240	100	20	2,0	995 kg
660.250	250	100	20	2,0	1 040 kg
660.260	260	100	20	2,0	1 092 kg
660.270	270	100	20	2,0	1 117 kg
660.275	275	100	20	2,0	1 139 kg
660.300	300	100	20	2,0	1 235 kg
660.325	325	100	20	2,0	1 397 kg
660.350	350	100	20	2,0	1 520 kg
660.375	375	100	20	2,0	1 627 kg
660.400	400	100	20	2,0	1 756 kg



FEED ALLEY SLAT

FEED ALLEY SLAT TYPE 685.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Axle load: 12,5 tons (wheel base 200 cm – wheel print 40 x 40 cm)					
685.200	200	120	22	3,5	978 kg
685.225	225	120	22	3,5	1 110 kg
685.250	250	120	22	3,5	1 223 kg
685.275	275	120	22	3,5	1 345 kg
685.300	300	120	22	3,5	1 467 kg

The slot width of the connection slot = 15 mm.

CUBICLE BEDS AND END PANELS

CUBICLE BEDS

PRE-CAST CUBICLE BED TYPE 516.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 500 kg/m²				
516.200	200	110	33/38	748 kg
516.210	210	110	33/38	786 kg
516.220	220	110	33/38	823 kg
516.230	230	110	33/38	860 kg
516.240	240	110	33/38	898 kg
516.250	250	110	33/38	935 kg
516.260	260	110	33/38	972 kg
516.270	270	110	33/38	1 010 kg
516.280	280	110	33/38	1 047 kg
516.290	290	110	33/38	1 031 kg
516.300	300	110	33/38	1 122 kg

Fit-in slats and openings available.

DEEP LITTER CUBICLE BEDS

DEEP LITTER CUBICLE BED TYPE 527.000

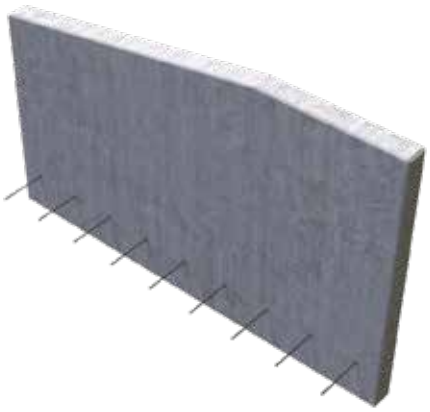
ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 500 kg/m²				
527.200	200	115	14,0/12/35	772 kg
527.210	210	115	14,1/12/35	811 kg
527.220	220	115	14,2/12/35	850 kg
527.230	230	115	14,4/12/35	888 kg
527.240	240	115	14,5/12/35	926 kg
527.250	250	115	14,6/12/35	960 kg
527.260	260	115	14,7/12/35	1 004 kg
527.270	270	115	14,8/12/35	1 043 kg
527.280	280	115	14,9/12/35	1 082 kg
527.290	290	115	15/12/35	1 121 kg
527.300	300	115	15,1/12/35	1 160 kg

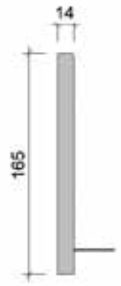
Fit-in slats and openings available.

END PANELS

END PANEL WITH REBARS TYPE 8503.000*

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
8503.200 to 8503.300	from 200 to 300 cm ascending per 5 cm	14	165	554 kg/M1

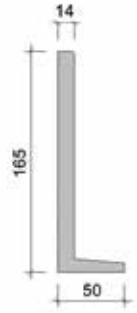




Section

END PANEL WITH BASE AND BEVELLED TYPE 8604.000*

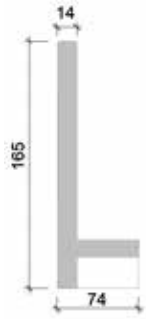
ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
8604.200 tot 8604.300	from 200 to 300 cm ascending per 10 cm	14/50	165	587 kg/M1



Section

END PANEL WITH HALF PRE-CAST CUBICLE BED AND BEVELLED TYPE 8531.000*

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
8531.220 to 8531.300	from 220 to 300 cm ascending per 10 cm	14/74	165	729 kg/M1

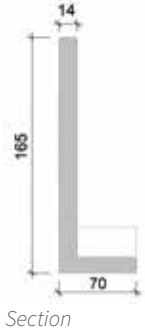


Section

END PANEL WITH HALF DEEP LITTER CUBICLE BED TYPE 8527.000*

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
8527.200 tot 8527.300	from 200 to 300 cm ascending per 10 cm	14/70	165	707 kg/M1

** Other versions of end panels are available on request.*



Section

FLOORS

T-FLOOR WALKABLE TYPE 503.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
503.245	245	120	12	479 kg

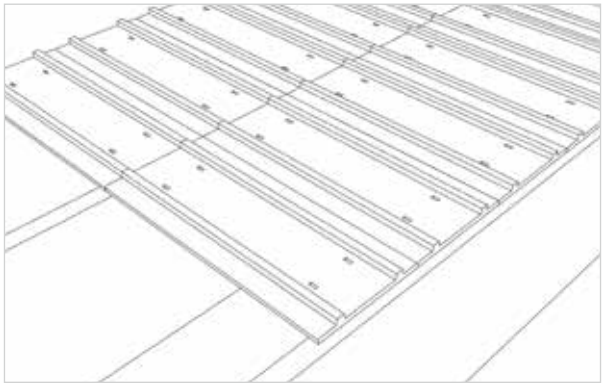
Loads / Filling requirements: see processing conditions

T-FLOOR DRIVEABLE TYPE 509.000

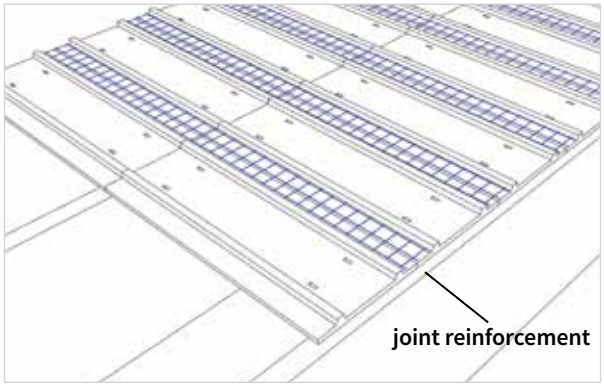
ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
509.200	200	120	12	396 kg
509.225	225	120	12	446 kg
509.250	250	120	12	495 kg
509.275	275	120	12	545 kg
509.300	300	120	12	594 kg
509.325	325	120	12	644 kg
509.350	350	120	12	693 kg

Loads / Filling requirements: see processing conditions

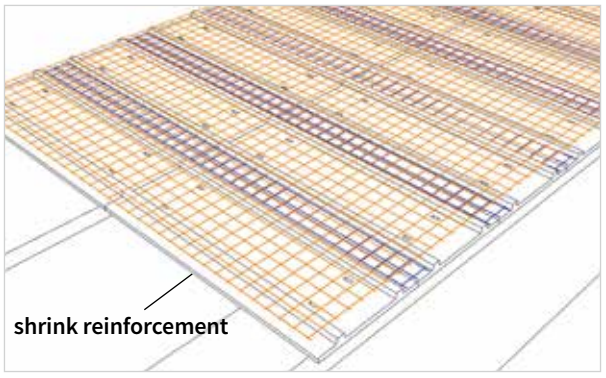
Step 1: *Place the T-Floor*



Step 2: *Placing seam reinforcement (between the floors) dia Ø6 / 150*

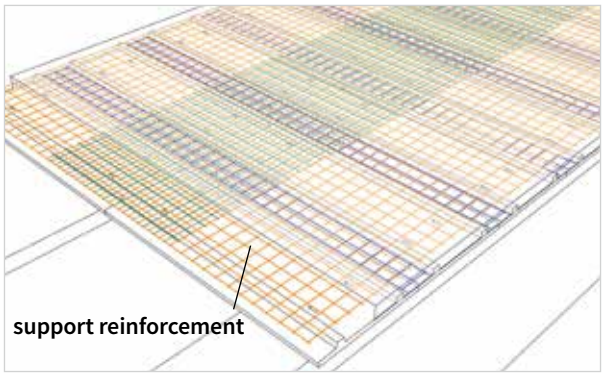


Step 3: *Placing shrink reinforcement (on top) dia Ø6 / 150*



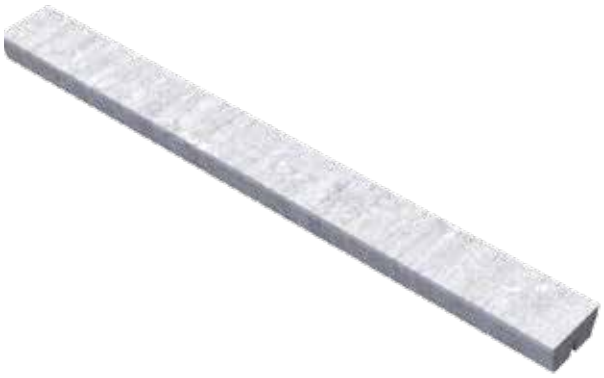
3 cm from the top of T-floor across the entire floor.

Step 4: *Support reinforcement*



More information about the support reinforcement: see processing conditions.

T-FIT-IN FLOOR TYPE 512.000PAS



ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
The finished and cured floor can be loaded with 500 kg/m²				
512.200PAS	200	20	10	96 kg
512.250PAS	250	20	10	120 kg
Loads / Filling requirements: see processing conditions				

T-FIT-IN FLOOR HEAVY DUTY TYPE 519.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
The finisched and cured floor can be driven on at singular application in combination with type 509.000				
519250	250	25	12	130
519300	300	25	12	156
519350	350	25	12	182
Loads / Filling requirements: see precessing conditions				

BEAMS AND MIXING PIT CONCRETE LIDS

MECHANICAL PRODUCTION - EARTH-MOIST CONCRETE

BEAM DRIVEABLE BY TRACTOR TYPE 3220.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Beams for under driveable slats for tractor load with 4 tons axle load, track width 180 cm, axle distance 180 cm and wheel print 30 x 40 cm.				
3220.440	240	20	30	336 kg
3220.250	250	20	30	350 kg
3220.310	310	20	30	434 kg
Support: see processing conditions				

Hammer piece 50 x 20 x 20 available type 2020.050.

BEAM DRIVEABLE BY TRUCK TYPE 3025.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Beams for under driveable slats and T-Floors with: - driving axle load 12 tons - track width 200 cm - axle distance 120 cm - wheel print 40 x 40 cm - tilt position axle load 15 tons - track width 200 cm - axle distance 200 cm - wheel print 40 x 40 cm				
3025.240	240	25	30	420 kg
3025.250	250	25	30	437 kg
3025.300	300	25	30	525 kg
Support: see processing conditions				

Hammer piece 50 x 20 x 20 available type 2020.050.

CONCRETE FOR CASTING - SELF-COMPACTION CONCRETE

BEAM DRIVEABLE BY TRACTOR TYPE 3320.000*

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Beams for under driveable slats for tractor load with 4 tons axle load, track width 180 cm, axle distance 180 cm and wheel print 30 x 40 cm.				
3320.000	from 140 to 350	20	30	144 kg/M1
3320.000	from 355 to 600	20	30	144 kg/M1
Support: see processing conditions				

** Attention: the beams with length up to 350cm are imposed on both ends only. The beams lith a length greater than 350cm must always be supported at both ends and in the middle.*

MIXING PIT CONCRETE LID

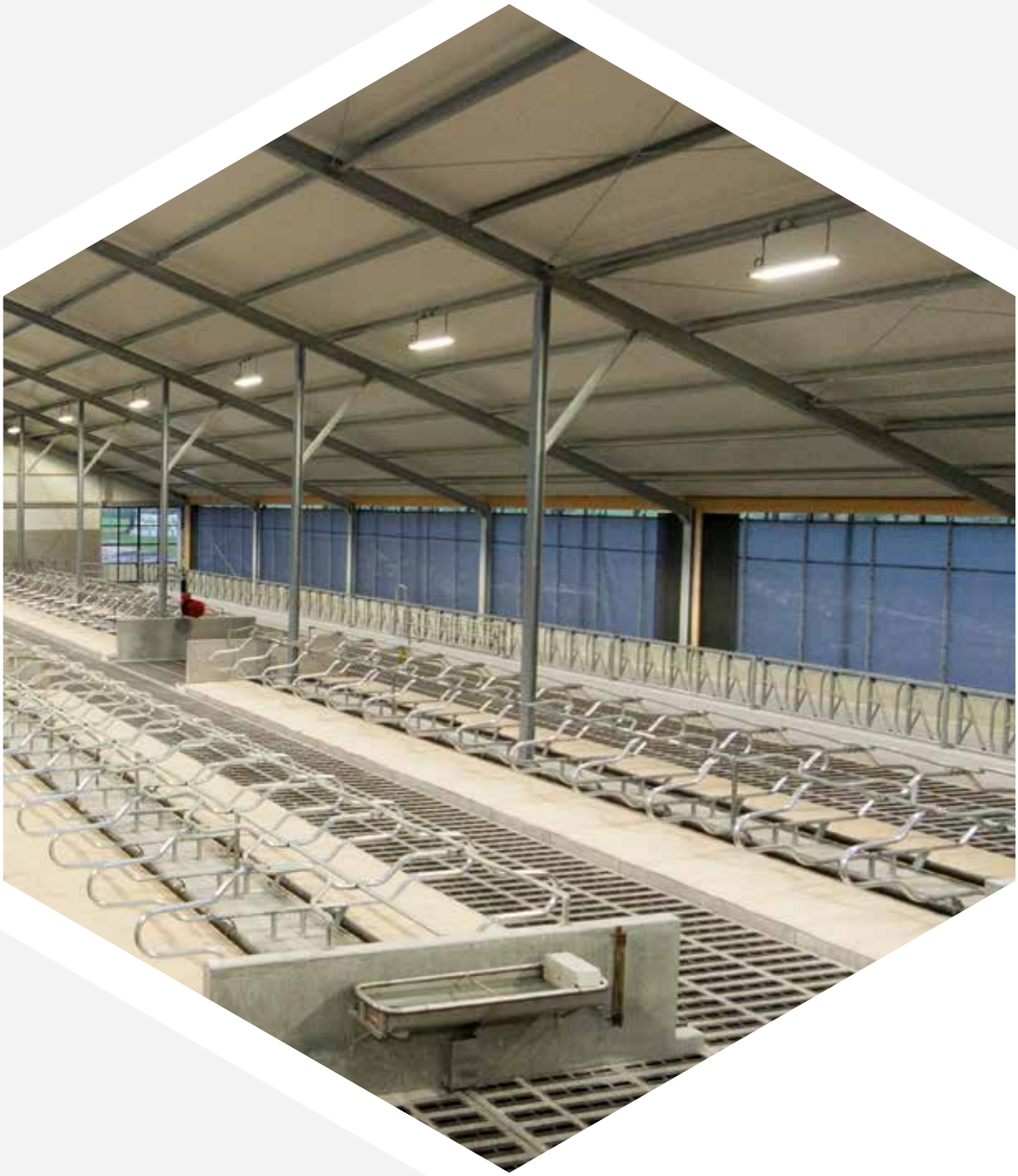
ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Axle load: 10 tons				
Z1001.120A	120	50	20	288 kg
Z1001.120B	120	50	20	266 kg

Mixing pit lid type A = without hole, type B = with large hole.

BEAM DRIVEABLE BY TRUCK TYPE 3125.000*

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Beams for under driveable slats and T-Floors with: - driving axle load 12 tons - track width 200 cm - axle distance 120 cm - wheel print 40 x 40 cm - tilt position axle load 15 tons - track width 200 cm - axle distance 200 cm - wheel print 40 x 40 cm				
3135.000	from 140 to 350	25	30	180 kg/M1
3125.000	from 355 to 600	25	30	180 kg/M1
Support: see processing conditions				

** Attention: the beams with length up to 350cm are imposed on both ends only. The beams lith a length greater than 350cm must always be supported at both ends and in the middle.*



PIGS

FOR AN OPTIMAL FLOOR CONCEPT

PORCO-PIG SLATS

PORCO-SLATS

PORCO-PIG SLAT TYPE 230.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - 250 kg animal weight					
230.070	70	115	10	1,8	113 kg
230.080	80	115	10	1,8	126 kg
230.090	90	115	10	1,8	139 kg
230.100	100	115	10	1,8	151 kg
230.110	110	115	10	1,8	173 kg
230.120	120	115	10	1,8	186 kg
230.130	130	115	10	1,8	198 kg
230.140	140	115	10	1,8	211 kg
230.150	150	115	10	1,8	224 kg
230.160	160	115	10	1,8	236 kg
230.170	170	115	10	1,8	249 kg
230.180	180	115	10	1,8	271 kg
230.190	190	115	10	1,8	284 kg
230.200	200	115	10	1,8	296 kg
230.210	210	115	10	1,8	309 kg
230.220	220	115	10	1,8	322 kg
230.230	230	115	10	1,8	344 kg
230.240	240	115	10	1,8	356 kg
230.250	250	115	10	1,8	370 kg
230.260	260	115	10	1,8	392 kg
230.270	270	115	12	1,8	450 kg
230.280	280	115	12	1,8	464 kg
230.290	290	115	12	1,8	479 kg
230.300	300	115	12	1,8	491 kg

PORCO-SOW SLAT TYPE 231.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - 250 kg animal weight					
231.150	150	115	10	2,0	221 kg
231.160	160	115	10	2,0	234 kg
231.170	170	115	10	2,0	246 kg
231.180	180	115	10	2,0	268 kg
231.190	190	115	10	2,0	280 kg
231.200	200	115	10	2,0	293 kg
231.210	210	115	10	2,0	305 kg
231.220	220	115	10	2,0	318 kg
231.230	230	115	10	2,0	340 kg
231.240	240	115	10	2,0	352 kg
231.250	250	115	10	2,0	365 kg
231.260	260	115	10	2,0	377 kg

PORCO-COMBI SLAT TYPE 232.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - 250 kg animal weight					
232.000	from 160 to 260	115	10	1,8 of 2,0	variable
232.000	from 261 to 305	115	12	1,8 of 2,0	variable
232.000	from 306 to 350	115	15	1,8 of 2,0	variable

PORCO-PIG SLAT TYPE 233.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - 250 kg animal weight					
233.310	310	115	15	1,8	650 kg
233.320	320	115	15	1,8	656 kg
233.330	330	115	15	1,8	672 kg
233.340	340	115	15	1,8	688 kg
233.350	350	115	15	1,8	704 kg

PORCO-SOW SLAT TYPE 234.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - 250 kg animal weight					
234.270	270	115	12	2,0	455 kg
234.280	280	115	12	2,0	468 kg
234.290	290	115	12	2,0	482 kg
234.300	300	115	12	2,0	514 kg
234.310	310	115	15	2,0	643 kg
234.320	320	115	15	2,0	650 kg
234.330	330	115	15	2,0	665 kg
234.340	340	115	15	2,0	680 kg
234.350	350	115	15	2,0	696 kg

PORCO-PIGLET SLAT TYPE 235.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category B2 - 125 kg animal weight					
235.150	150	115	10	1,4	244 kg
235.160	160	115	10	1,4	260 kg
235.170	170	115	10	1,4	286 kg
235.180	180	115	10	1,4	299 kg
235.190	190	115	10	1,4	313 kg
235.200	200	115	10	1,4	326 kg
235.210	210	115	10	1,4	339 kg
235.220	220	115	10	1,4	365 kg
235.230	230	115	10	1,4	378 kg
235.240	240	115	10	1,4	391 kg
235.250	250	115	10	1,4	404 kg
235.260	260	115	10	1,4	418 kg
235.270	270	115	12	1,4	483 kg
235.280	280	115	12	1,4	501 kg
235.290	290	115	12	1,4	519 kg
235.300	300	115	12	1,4	537 kg

Also available as combi-slat type 236.000.

AISLE SLAT

AISLE SLAT WITH VARIABLE AIR FLOW TYPE 217.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - 250 kg animal weight					
217.070	70	170	10	2,0	188
217.075	75	170	10	2,0	208
217.080	80	170	10	2,0	228
217.085	85	170	10	2,0	249
217.090	90	170	10	2,0	259
217.095	95	170	10	2,0	279
217.100	100	170	10	2,0	287
217.105	105	170	10	2,0	308
217.110	110	170	10	2,0	316
217.115	115	170	10	2,0	336
217.120	120	170	10	2,0	344

RENOVATION PIGSLAT

RENOVATION PIGSLAT TYPE 212.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: to 259: B3 - up to 250 kg animal weight 269-299: B2 - up to 125 kg animal weight					
212.089 to 212.299	from 89 to 299 cm ascending per 10 cm	33,33	10	1,8	150 kg /m²

Also available as combi-slat type 212.000D.

VARIOUS PIG SLATS

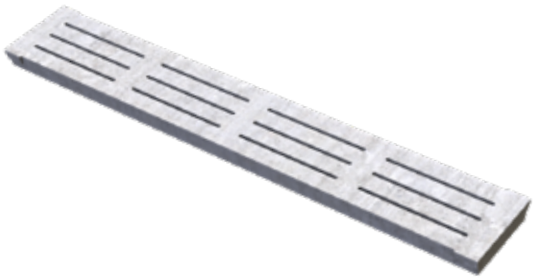
PIGLET SLAT TYPE 210.000B60

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: to 140 cm - B2 - up to 125 kg animal weight					
210.080B60 to 210.300B60	from 80 to 140 cm ascending per 10 cm	60	10	1,3	124 kg/ m^2

Also available as combi-slat type 210.000B60D.

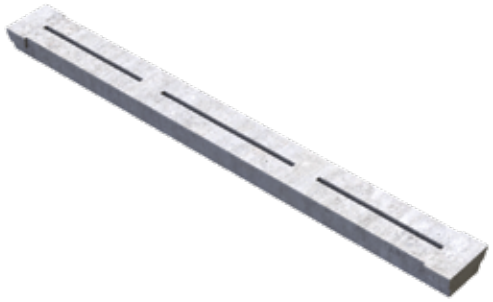
PORCO-PIG SLAT TYPE 237.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - up to 250 kg animal weight					
237.110 to 237.140	from 110 to 140	40	10	1,8	138 kg/m²
237.170 to 237.200	from 170 to 200	40	10	1,8	138 kg/m²
237.220 to 237.260	from 220 to 260	40	10	1,8	138 kg/m²



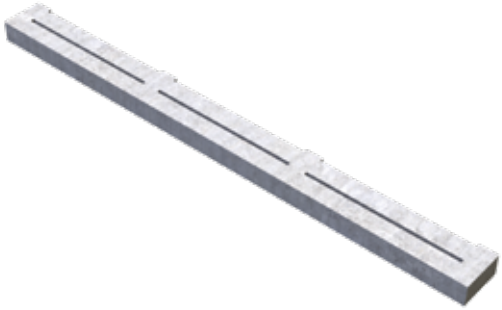
TWIN FIT-IN SLAT TYPE 205.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 - up to 250 kg animal weight					
205.90 to 205.260	from 90 to 260 cm ascending per 10 cm	20	10	1,8	178 kg/m²



TWIN FIT-IN SLAT TYPE 225.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: B3 – up to 250 kg animal weight					
225.300	300	25	12	2,0	154 kg
225.350	350	25	15	2,0	224 kg

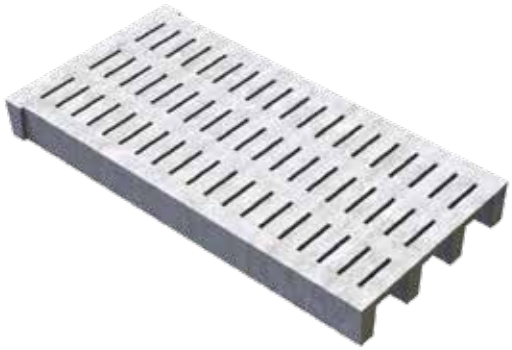


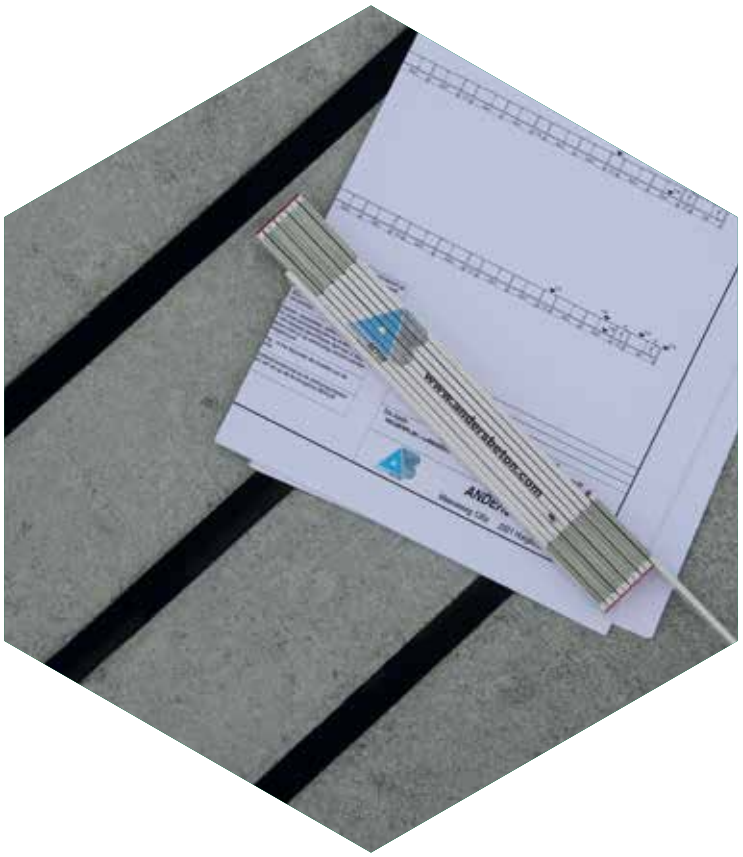
STRAW PIGSLAT WITH CONICAL OPENINGS TYPE 704.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: B3 - up to 250 kg animal weight				
704.090 to 704.250	from 90 to 250 cm ascending per 10 cm	50	10	170 kg/m²

SOWSLAT DRIVEABLE TYPE 220.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Axle load: 4 tons (wheel base 180 cm - wheel print 30 x 40 cm)					
220.150 to 220.300	from 150 to 300 cm ascending per 10 cm	100	20	2,0	247 kg/m²





COMPOSITE SLATS

FIREPROOF & SIMPLE

- Future-proof and fireproof floor Bfl-S1
- Easy to install due to free span
- Can be combined with beams and / or prefab floor

HIGH HYGIENE

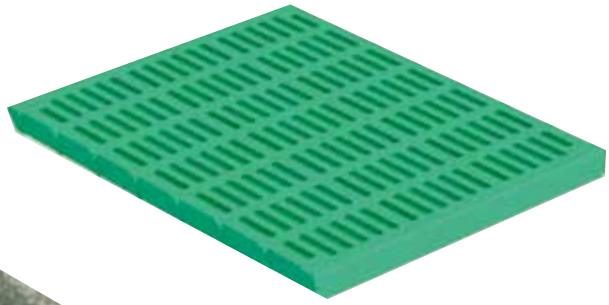
- Acid Resistant & Liquid Proof
- Dirt-resistant and easy to clean
- Excellent manure passage
- In accordance with HYCARE principle

OPTIMUM ANIMAL COMFORT

- Good walkability thanks to a flat floor design with good grip
- Joint damage is prevented by applying rounded slat beams
- Sufficient claw wear
- Silence in the lofts by dampening sound and vibration
- No stress due to the prevention of static charge

COMPOSITE PIGLET SLAT

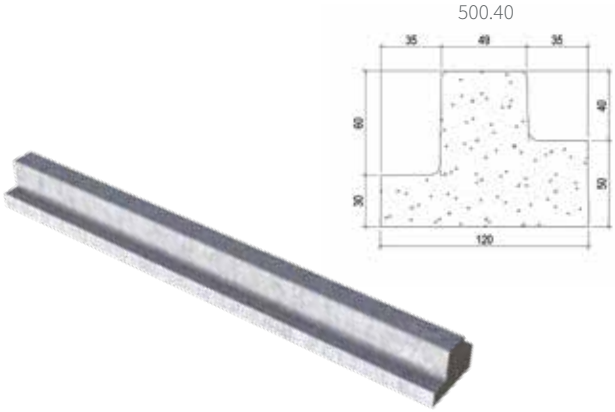
ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Load category: 90-110-150: B1 - up to 40 kg animal weight Load category: 100-125: B2 - up to 125 kg animal weight					
CR.90.60	90	60	3,5	1,3	18 kg
CR.100.60	100	60	5,5	1,3	28,6 kg
CR.110.60	110	60	3,5	1,3	20,9 kg
CR.125.60	125	60	5,5	1,3	36,25 kg
CR.150.60	150	60	5,5	1,3	43,5 kg



BEAM COMPOSITE SLAT TYPE 500.40

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
500.40	100	12	9	17 kg

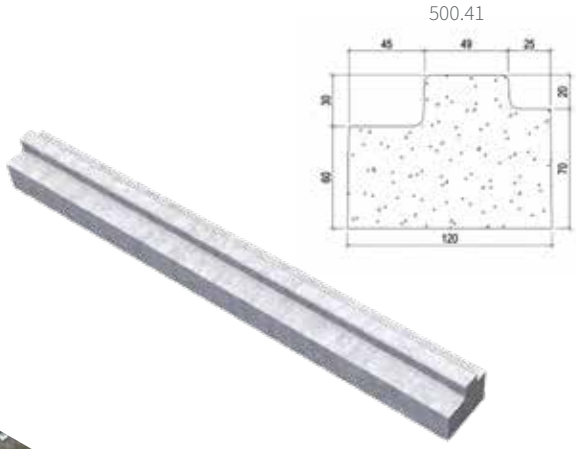
500.40



BEAM CAST IRON SLAT TYPE 500.41

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
500.41	100	12	9	21 kg

500.41



COMPOSITE FARROWING UNIT SLAT

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
CR.125.57	125	57	3,5	25,7 kg
CR.125.67,5 HOLVW*	125	67,5	3,5	41 kg
CR.125.67,5 HORVW*	125	67,5	3,5	41 kg

** LW = Heated on the left*

** RH = Heated on the right*

Cast iron slats available on request.

FLOORS

SOLID ROUGH FLOORS

SOLID ROUGH FLOOR TYPE 501.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 350 kg/m²				
501.050 to 501.150	from 50 to 150 cm ascending per 10 cm	120	6	145 kg/m²

NON SOLID ROUGH FLOOR TYPE 511.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 350 kg/m²				
511.150 to 511.300	from 150 to 300 cm	120	10	180 kg/m²

SOLID ROUGH FLOOR TYPE 524.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 350 kg/m²				
524.150 to 524.325	from 150 to 325 cm	120	10	240 kg/m²

NON SOLID FINISHED FLOORS

NON SOLID FINISHED FLOOR TYPE 511.000GL

ARTICLE	LENGTH	BREEDTE	HEIGHT	WEIGHT
Load category: 350 kg/m²				
511.150GL to 511.300GL	from 150 to 300 cm ascending per 10 cm	120	10	180 kg/m²

SOLID FINISHED FLOOR TYPE 524.000GL

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 350 kg/m²				
524.150GL to 524.325GL	from 150 to 325 cm ascending per 10 cm	120	10	240 kg/m²

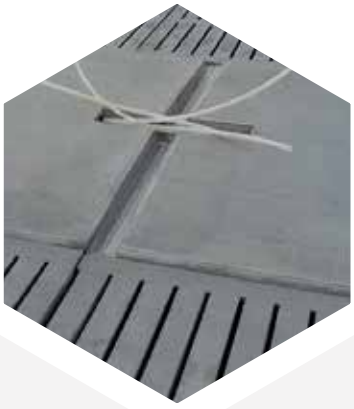
CONVEX / INCLINED FLOORS

CONVEX FLOOR ISOLATED AND HEATED TYPE 570.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 350 kg/m²				
570.000	max. 280	max. 580	12-16	± 324 kg/m²

INCLINED FLOOR ISOLATED AND HEATED TYPE 571.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: 350 kg/m²				
571.000	max. 280	max. 580	12-18	± 324 kg/m²



CONVEX FLOOR FOR USE ON EXISTING SLATS

CONVEX FLOOR FOR USE ON EXISTING SLATS TYPE 540.000 AND 550.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: n/a				
540.090 to 540.130	from 90 to 130 cm	40	5	110 kg/m²
550.090 to 550.130	from 90 to 130 cm	50	5	110 kg/m²
540.140 to 540.170	from 140 to 170 cm	40	6	109 kg/m²
550.140 to 550.170	from 140 to 170 cm	50	6	109 kg/m²

ANTISLIP FLOOR WALKABLE

ANTISLIP FLOOR WALKABLE TYPE 573.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: B3 - up to 250 kg animal weight				
573.000	max. 300	max. 300	12	295 kg/m²

CELLAR PLATE

CELLAR PLATE 45° SLOPE TYPE 7000.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: n/a				
7000.000	200	100	7	156 kg/m²

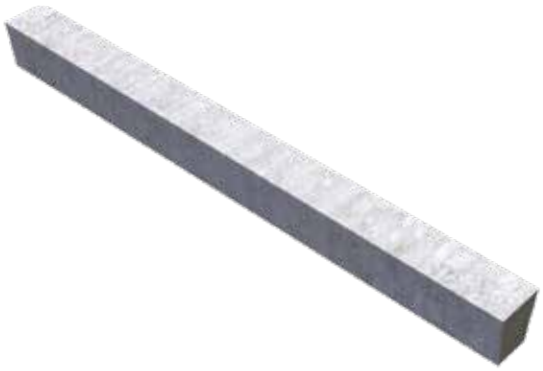
Adjustable width and height.

BEAMS

BEAMS

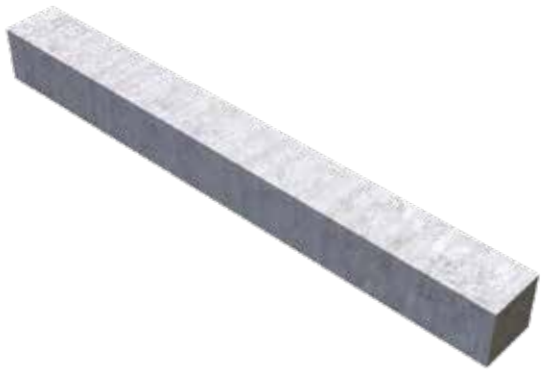
BEAM TYPE 1816.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Linear load: 1.100 kg/m				
1816.250	250	16	18	140 kg
1816.300	300	16	18	168 kg



BEAM TYPE 2020.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Linear load: 1.300 kg/m				
2020.250	250	20	20	235 kg
2020.300	300	20	20	282 kg



PILLARS

PILLAR TYPE 1624.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: n/a				
16.24.080 to 16.24.220	from 80 to 220 cm	16	16	62 kg/M1

POINTED BEAM

POINTED BEAM TYPE 1610.000

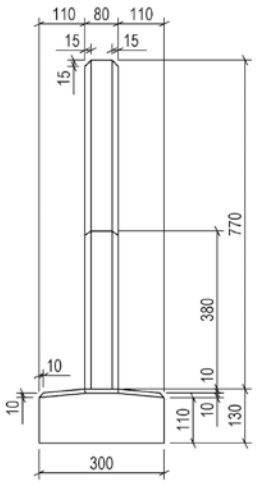
ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Load category: n/a				
16.10.200 to 16.10.280	from 200 to 280 cm	10	16	28 kg/M1

PENNING

PRE-CAST SOW WALL

PRE-CAST SOW WALL TYPE 8400.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
8400.000	185-250	11/8/11	90	193 kg/m²



Section side view

Various penning walls (front walls, partitions, back walls) available. Custom-made walls possible.

LONG LIFESPAN

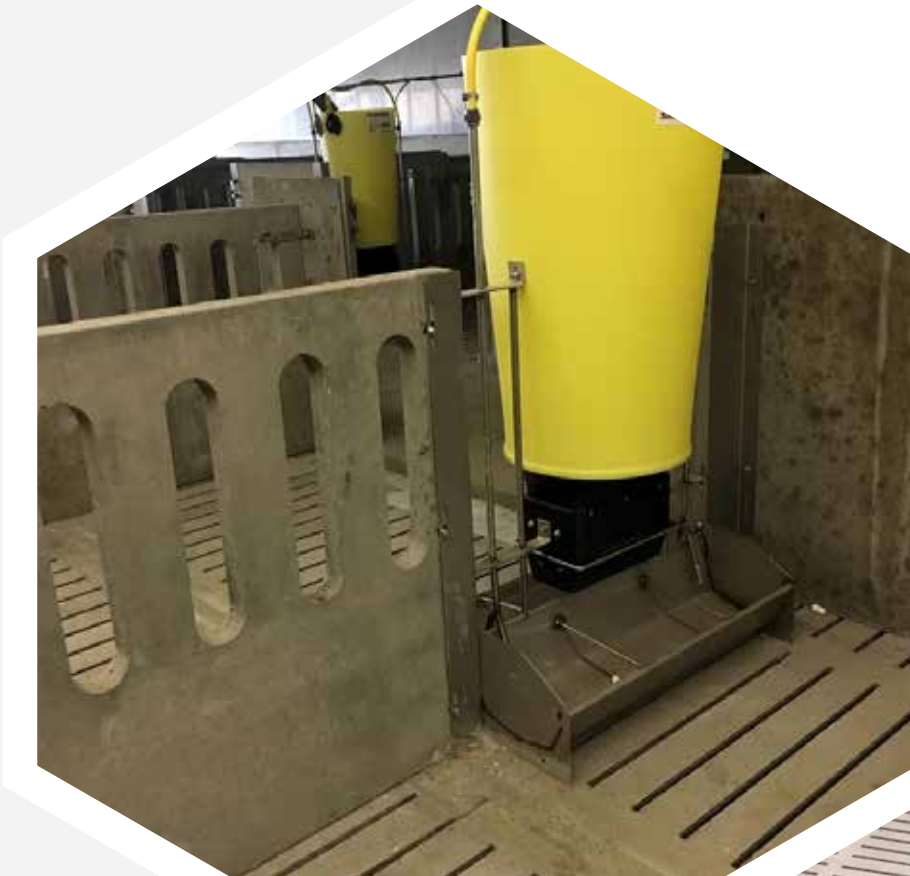
- Fireproof
- More than 10.000 references

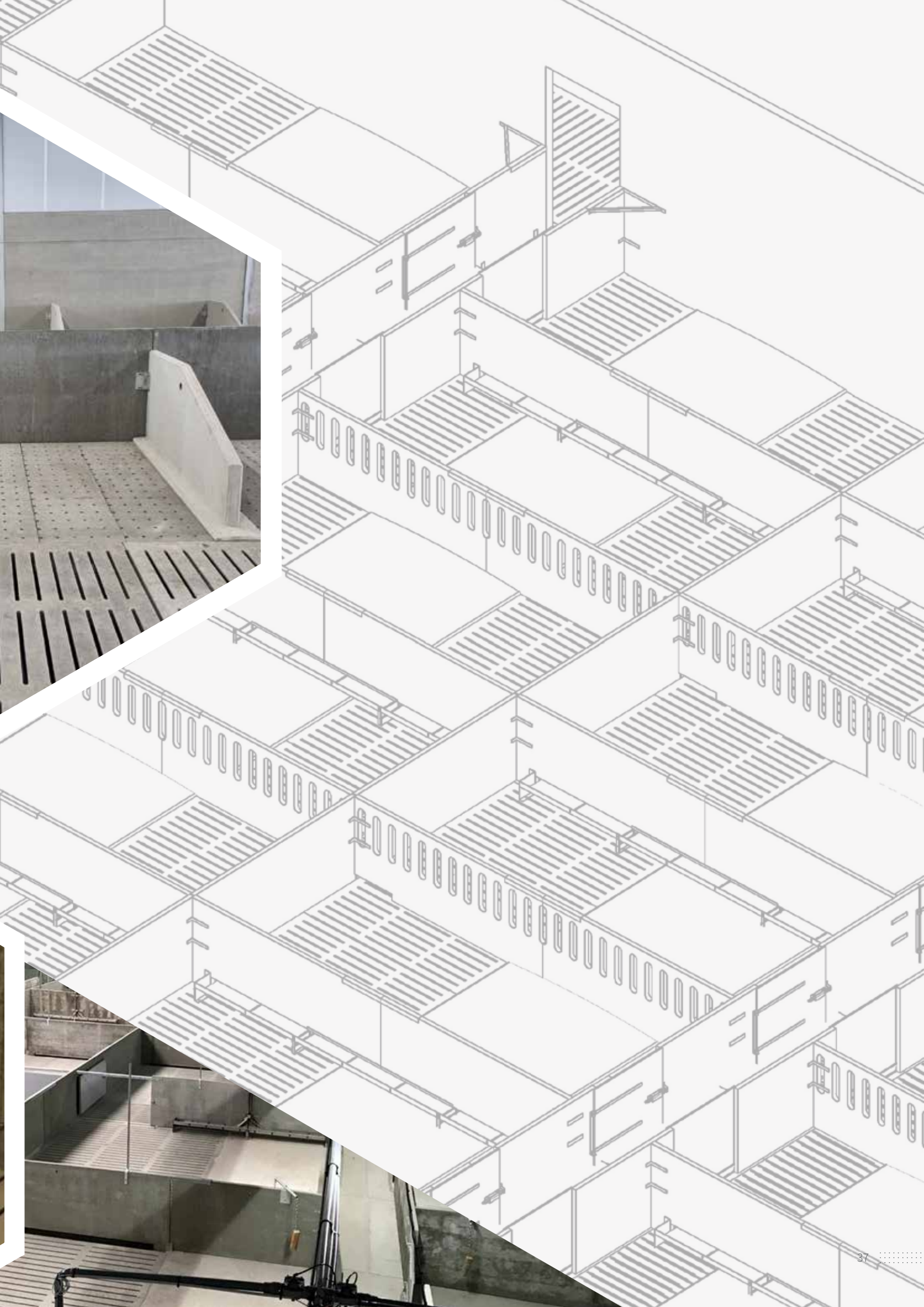
HYGIENE

- Good hygiene due to the use of solid walls
- Easy to clean
- Liquid-proof due to the use of cheap primer coating

TOTAL SOLUTION

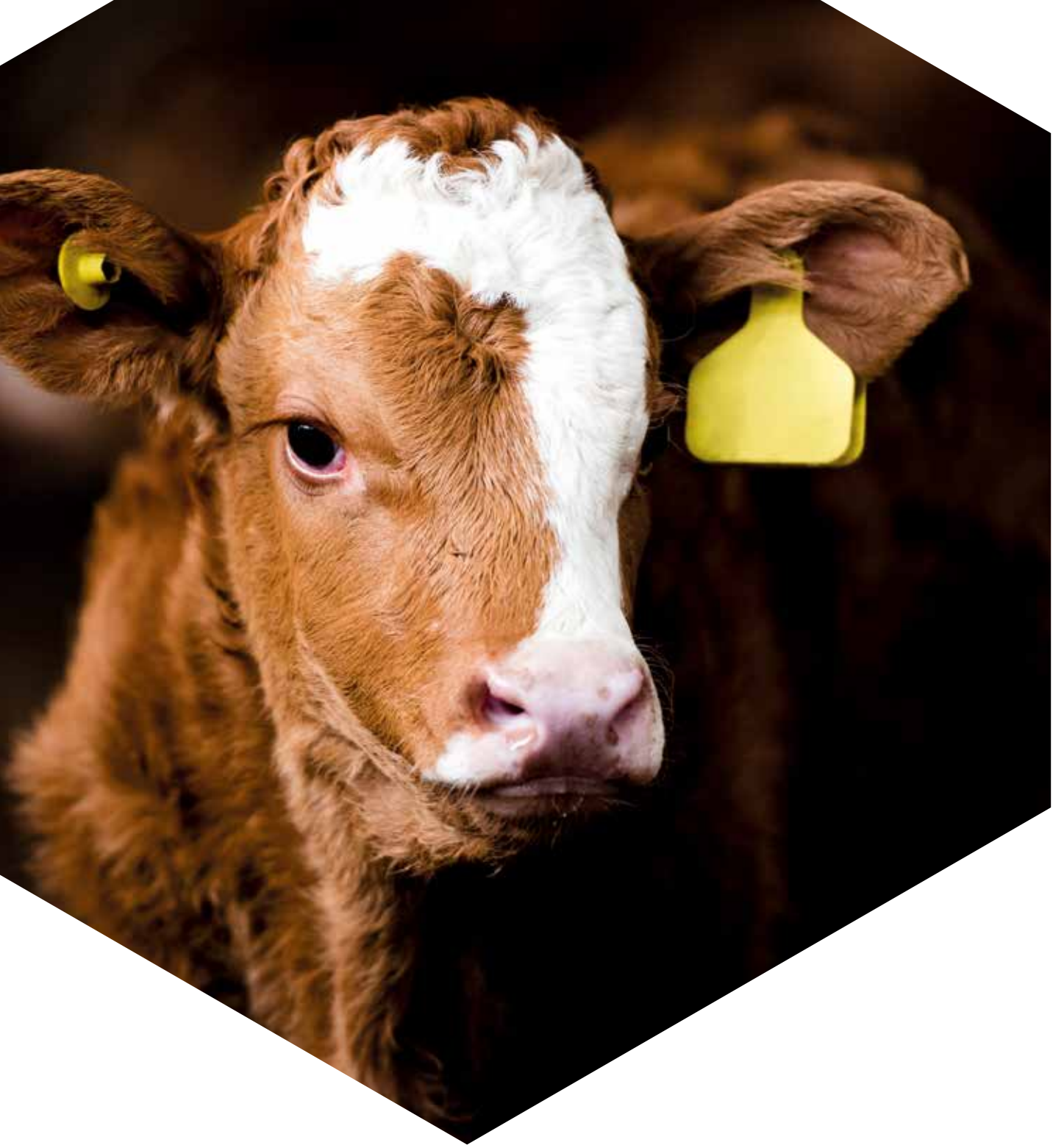
- Can be used with any type of door, feeding trough, etc.
- Both for fattening pigs and sows
- Mounting





CALVES

FOR GREATER WELL-BEING AND SUSTAINABILITY



PURO-FLOOR

The AB PURO-Floor consists of a concrete calf slat and a rubber mat.

CALF SLAT (TYPE 15099.000)

Specially for veal calves, Anders Beton has developed a slat with longitudinal slots that combines the manure passage of classic wooden slats with the durability of concrete.

RUBBER MAT (TYPE KURASB.000)

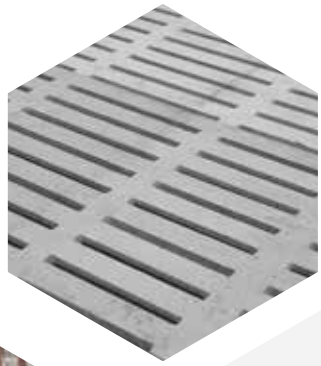
In combination with a rubber mat, this cassette slat is recognized in the Netherlands as a welfare floor for both rosé and white meat calves.

The combination of long slots, narrow beam width and the subtle wave profile in the rubber mat results in excellent manure passage and thus pure, healthy calves. The rubber top layer is also provided with a square relief drawing giving it an anti-slip effect. The rubber mat is easy to place.

PURO-FLOOR TYPE PURO.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH		WEIGHT
				CONCRETE	RUBBER	
Load category: A3 - up to 825 kg animal weight						
PURO.200	200	115	18	3,5	3,0	533 kg
PURO.250	250	115	18	3,5	3,0	665 kg
PURO.275	275	115	18	3,5	3,0	733 kg
PURO.300	300	115	18	3,5	3,0	795 kg
PURO.325	325	115	18	3,5	3,0	870 kg
PURO.350	350	115	18	3,5	3,0	925 kg
PURO.375	375	115	18	3,5	3,0	995 kg
PURO.400	400	115	18	3,5	3,0	1 037 kg

The rubber mats are not included in the weights and heights.

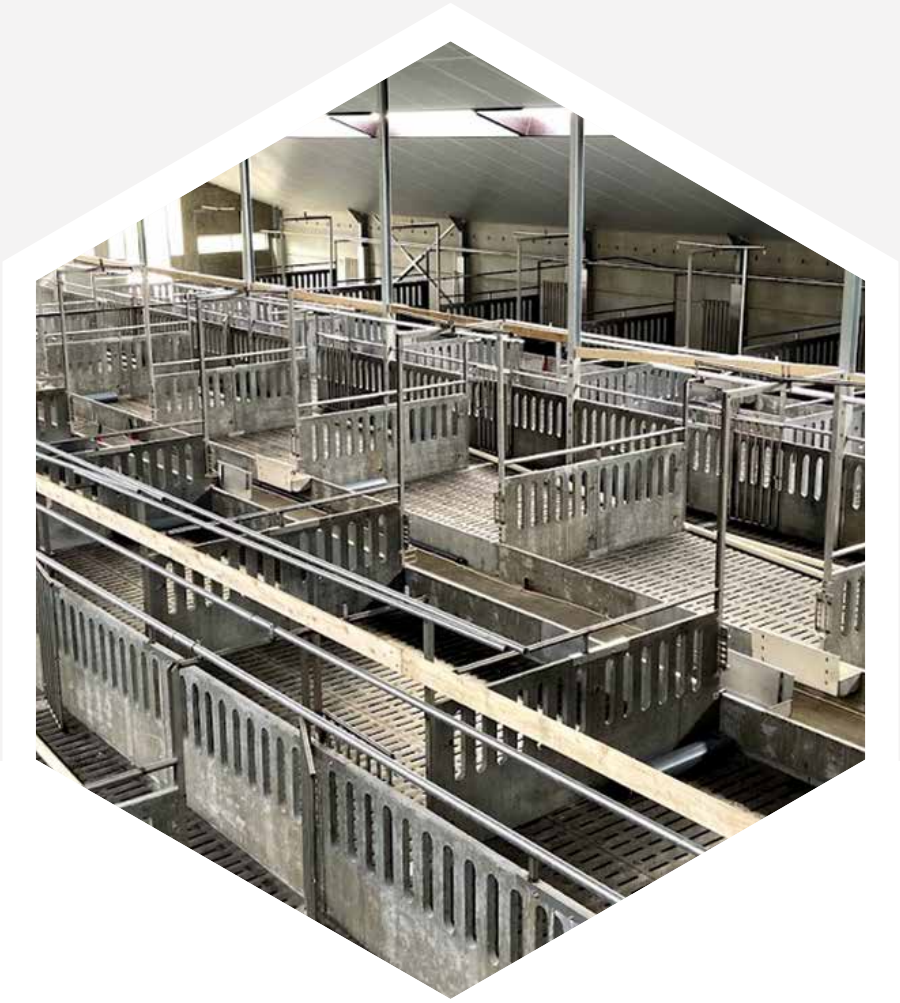


HIGH ANIMAL WELFARE THANKS TO RUBBER

- Recognized as a welfare floor
- Anti-slip and compressible rubber mats

GOOD MANURE PASSAGE

- Smart cassette model
- Long slots
- Narrow beams
- Rubber is easy to clean



SOLID MAMMOTH SLAT

SOLID MAMMOTH SLAT TYPE 11099.000

ARTICLE	LENGTH	WIDTH	HEIGHT	SLOT WIDTH	WEIGHT
Axel load: 4 tons (wheel base 180 cm – wheel print 30 x 40 cm)					
11099.200	200	115	18	4,0	663 kg
11099.220	220	115	18	4,0	724 kg
11099.230	230	115	18	4,0	757 kg
11099.240	240	115	18	4,0	796 kg
11099.250	250	115	18	4,0	829 kg
11099.260	260	115	18	4,0	863 kg
11099.270	270	115	18	4,0	896 kg
11099.280	280	115	18	4,0	929 kg
11099.290	290	115	18	4,0	962 kg
11099.300	300	115	18	4,0	995 kg
11099.325	325	115	18	4,0	1 078 kg
11099.350	350	115	18	4,0	1 161 kg
11099.400	400	115	18	4,0	1 327 kg

FLOORS

SOLID FINISHED FLOOR

SOLID FINISHED FLOOR TYPE 525.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Axle load: 1,5 tons (wheel base 100 cm – wheel print 20 x 30 cm)				
525.000	from 125 to 300 cm	120	10	240 kg/m

SOLID FINISHED FLOOR TYPE 526.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Axle load: 2,5 tons (wheel base 100 cm – wheel print 30 x 40 cm)				
526.000	from 125 to 300 cm	120	14	336 kg/m

FLOORS

ANTISLIP FLOOR DRIVEABLE TYPE 574.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Axle load: 2,5 tons (wheel base 100 cm – wheel print 30 x 40 cm)				
574.000	max. 300	max. 300	12 or 14	295 kg/m²

U-FEED ALLEY PLATE TYPE 580.000

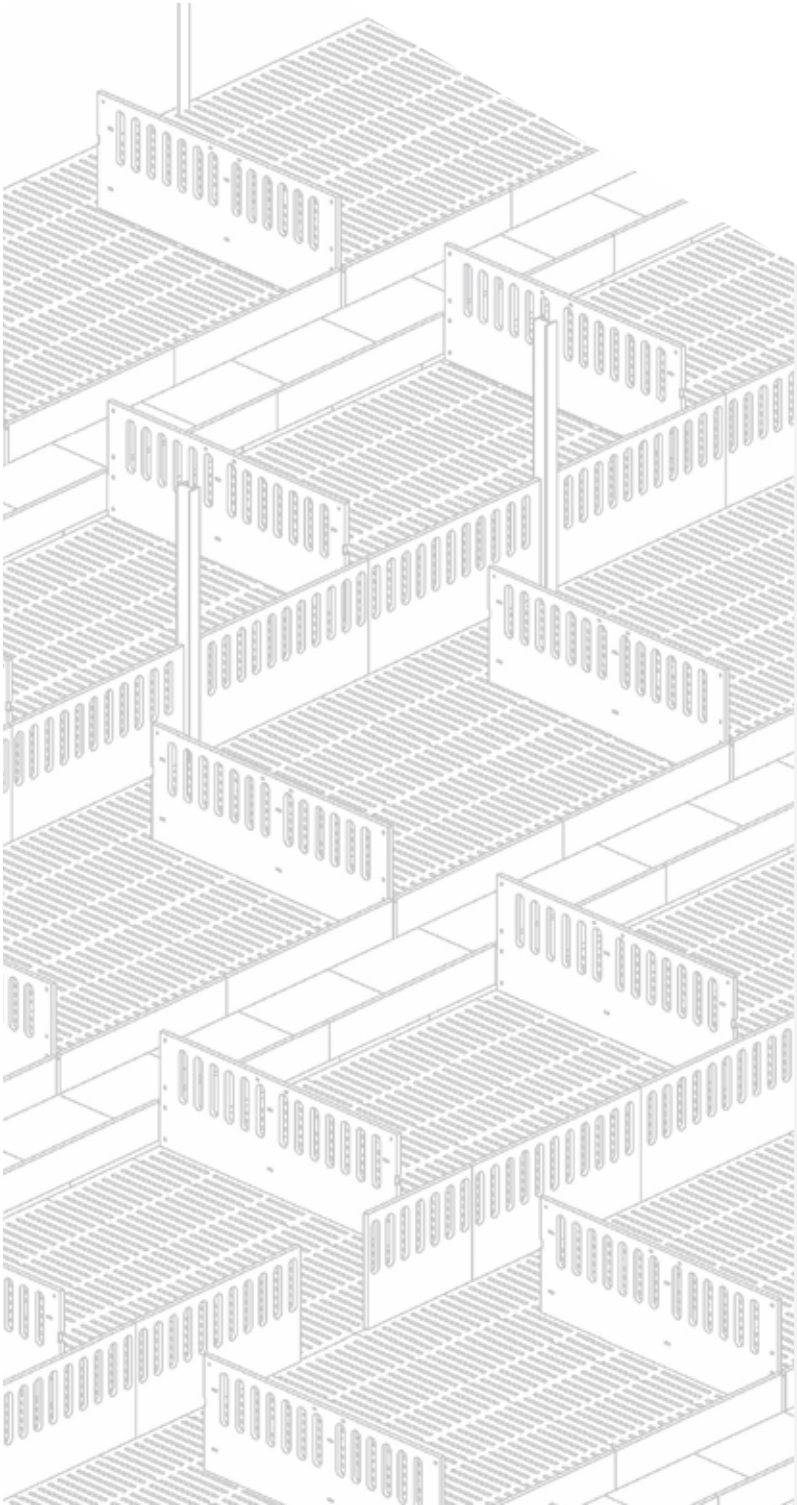
ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Axle load: 2,5 tons (wheel base 100 cm – wheel print 30 x 40 cm)				
580.000	max. 600	180-300	12	variable

BEAMS

CALF BEAM TYPE 1809.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
	Linear load: 500 kg/m			
1809.000	from 130 to 310 cm	9	18	36 kg/M1

PENNING



OPTIMAL BARN CLIMATE & ANIMAL WELFARE

- The front of the loft is executed with solid concrete walls
- Partition and back walls are semi-open and guarantee a good barn climate

ROBUST BARN EQUIPMENT

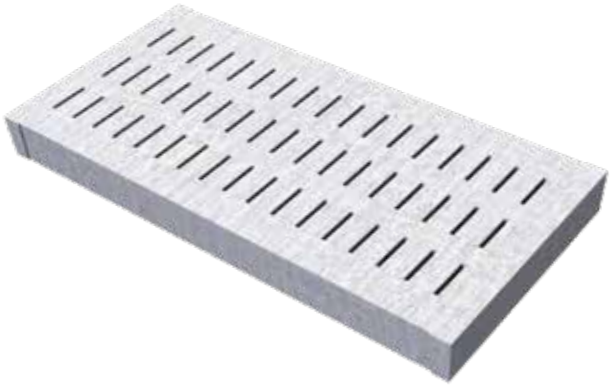
- No maintenance thanks to robust design
- Concrete walls combined with stainless steel fasteners

ARABLE FARMING

FOR OPTIMAL AND LONG-TERM STORAGE

AERO-SLATS

AERO-SLAT TYPE LATITUDINAL SLOT 670.000



ARTICLE	LENGTH	WIDTH	HEIGHT	PASSAGE	SLOT WIDTH	WEIGHT
15 tons moving axle load, 20 tons tipping axle load (wheel base 200 cm - wheel print 40 x 40 cm)						
670.200	200	120	22	8 %	2	1 038 kg
670.250	250	120	22	8 %	2	1 292 kg
670.300	300	120	22	8 %	2	1 545 kg

AERO-SLAT TYPE LATITUDINAL SLOT 672.000

ARTICLE	LENGTH	WIDTH	HEIGHT	PASSAGE	SLOT WIDTH	WEIGHT
11,5 tons moving axle load, 15 tons tipping axle load (wheel base 200 cm - wheel print 40 x 40 cm)						
672.200	200	120	22	8 %	2	1 038 kg
672.250	250	120	22	8 %	2	1 292 kg
672.300	300	120	22	8 %	2	1 545 kg

AERO-SLAT TYPE LONGITUDINAL SLOT 680.000

ARTICLE	LENGTH	WIDTH	HEIGHT	PASSAGE	SLOT WIDTH	WEIGHT
15 tons moving axle load, 20 tons tipping axle load (wheel base 200 cm - wheel print 40 x 40 cm)						
680.200	200	120	22	7 %	2	1 076 kg
680.250	250	120	22	7 %	2	1 431 kg
680.300	300	120	22	7 %	2	1 615 kg

AERO-SLAT TYPE LONGITUDINAL SLOT 682.000

ARTICLE	LENGTH	WIDTH	HEIGHT	PASSAGE	SLOT WIDTH	WEIGHT
11,5 tons moving axle load, 15 tons tipping axle load (wheel base 200 cm - wheel print 40 x 40 cm)						
682.200	200	120	22	7 %	2	1 076 kg
682.250	250	120	22	7 %	2	1 431 kg
682.300	300	120	22	7 %	2	1 615 kg

AERO-SLAT TYPE LONGITUDINAL SLOT 690.000

ARTICLE	LENGTH	WIDTH	HEIGHT	PASSAGE	SLOT WIDTH	WEIGHT
20 tons moving axle load (wheel base 200 cm – wheel print 40 x 40 cm)						
690.200	200	120	22	7 %	2	1 082 kg
690.250	250	120	22	7 %	2	1 352 kg

VENTILATION SLATS

VENTILATION SLAT TYPE 600.000

ARTICLE	LENGTH	WIDTH	HEIGHT	PASSAGE	SLOT WIDTH	WEIGHT
10 tons moving axle load (wheel base: 200 cm - wheel print 40 x 40 cm)						
600.150	150	100	18	8%	2	485 kg

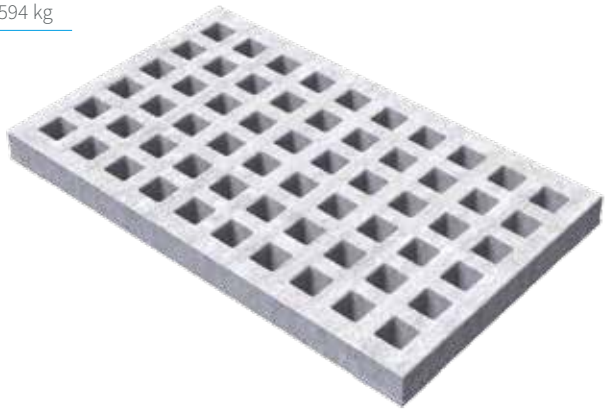
INFRA

FOR EVERY APPLICATION

HYDRO-GREEN TRACK PLATES

HYDRO-GREEN TRACK PLATES TYPE 806.000

ARTICLE	LENGTH	WIDTH	HEIGHT	AXLE LOAD			WEIGHT
				100 N/CM²	200 N/CM²	400 N/CM²	
806.200A	200	120	14	8 tons	10 tons	12 tons	594 kg
806.200B	200	120	14	10 tons	12 tons	14 tons	594 kg
806.200C	200	120	14	12 tons	14 tons	16 tons	594 kg
806.200D	200	120	14	14 tons	16 tons	19 tons	594 kg



PERMEABLE PAVING

- 40% permeability
- Double reinforcement
- Also plates with elongated slots available in various sizes.

PAVING AND PLOT PATH PLATES

PAVING PLATE TYPE 801.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Axel load: 10 tons (wheel base 200 cm – wheel print 25 x 30 cm)				
801.200	200	100	10	473 kg

PAVING PLATE TYPE 803.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGTH
Axel load: 15 tons (wheel base 200 cm – wheel print 30 x 40 cm)				
803.200	200	100	14	663 kg

PLOT PATH PLATE TYPE 805.000

ARTICLE	LENGTH	WIDTH	HEIGHT	WEIGHT
Axel load: 10 tons (wheel base 200 cm – wheel print 40 x 40 cm)				
805.330	330	120	12/13/12	1 189 kg
Axel load: 15 tons (wheel base 200 cm – wheel print 40 x 40 cm)				
805.33015T	330	120	12/13/12	1 189 kg

FOUNDATION PLATE

FOUNDATION PLATE TYPE FP.000

ARTIKEL	LENGTE	BREEDTE	HOOGTE	GEWICHT
Axel load: n/a				
FP 400	400	100	14	1 344 kg

Other dimensions are available on request.

TERMS OF DELIVERY

Anders Beton uses the INCOTERMS® 2020 (International Commercial Terms) for all deliveries. The INCOTERMS® 2020 are an international standard on the rights and obligations of the buyer and seller in the international transportation of goods, developed and published by the International Chamber of Commerce.
Visit www.iccwbo.org for more information

Our quotes and sales order confirmations will include the INCOTERMS® 2020 applicable to delivery. The following INCOTERMS® 2020 are used by Anders Beton:

- FCA Free Carrier Grobeton NV, Industrieweg 24, B-2280
- FCA Free Carrier Van der Velden Beton NV, Meerseweg 135 A, B-2321 Meer
- DAP Delivered At Place – delivery address of the customer
- DPU Delivered At Place Unloaded – delivery address of the customer
- CFR Cost And Freight – Port of destination

For freight transport it is necessary that the truck is fully accessible on both long sides for loading with forklifts. It must be possible to load on a flat surface.

With container transport, it is necessary that the container can be placed on the company site using so-called “Side loaders” so that we can load the goods with a forklift.

If Anders Beton takes on the cargo securing, this will be stated on the sales order confirmation and these costs will be charged.

CONTROL OF THE GOODS

The goods must be inspected on site in accordance with the INCOTERMS® 2020 included on the sales order confirmation.

We recommend taking enough photos before and after unloading. In the case of remarks, please note them on the consignment note and communicate the remarks together with the photos to Anders Beton as soon as possible

BRIEF PROCESSING CONDITIONS

Our Delivery and Processing Conditions can be found on our website www.andersbeton.com.

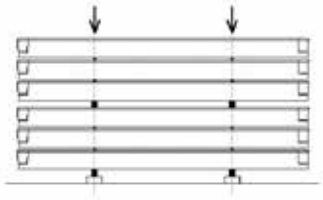
1. Tip: take enough photos before and after unloading

2. Provide a suitable place for unloading

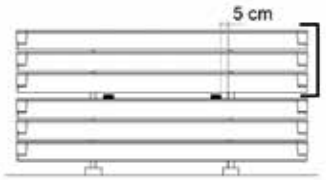
- Provide a load-bearing, horizontal and flat surface.
- Support beams have to be provided by the customer.
- Place the support beams perpendicularly to and parallel to the wood between the slats.

3. Points of attention when unloading

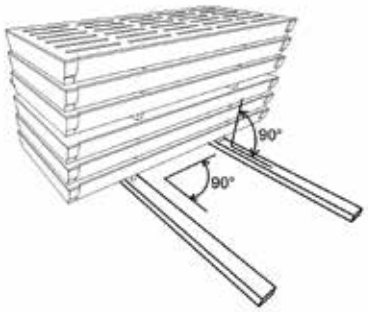
Wood in 1 line above each other. Replace the wood between the piles correctly.



Do not stack higher than on the truck or container.



Max. 5 cm between the forks of the forklift truck and the wood. Lift max. 1 pile at a time with forks.



4. Points of attention when placing

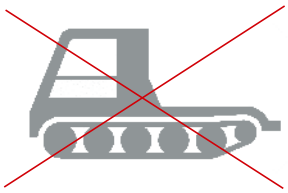
Place the products one by one with approved lifting equipment.

Place the ends in the mortar. Do not clamp the ends.

The slats can only be supported on the ends.

5. Load capacity of the goods

Placing is allowed immediately, loading only 28 days after the production date (see production sticker).



Don't drive on walkable elements. Only drive on driveable elements with pneumatic tires and axle loads according to load class.

GENERAL PROCESSING CONDITIONS

TEMPORARY STORAGE

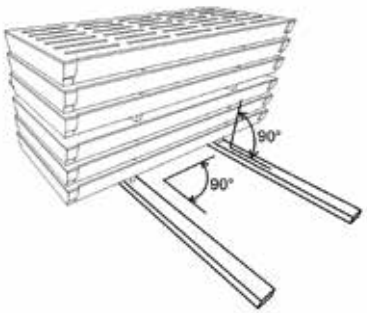
Location for unloading

Organize the unloading location so that the goods can be placed directly from this location with a construction crane. In this way it is avoided that goods have to be moved on the construction site with vehicles. For safety reasons do not allow unauthorized persons to the unloading location.

Load-bearing surface / Support beams

Our goods are always temporarily stored at the customer location. This storage location must be provided with a sufficiently stable, horizontal and flat surface. The goods must always be unloaded on 2 beams supporting beams where the goods do not touch the ground. These beams are foreseen by the customer and must be placed perpendicular to the stacking wood between the stacked goods.

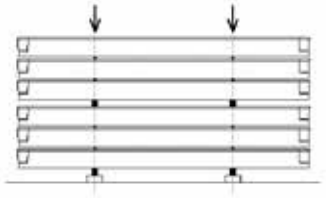
For goods that are not delivered in stacks, the support beams must be laid at the position where the element will be supported after assembly.



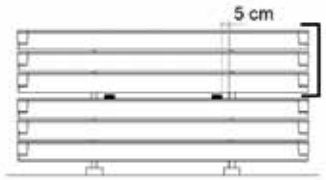
UNLOADING THE GOODS

The following conditions must be followed to prevent damage:
Lift the goods carefully and avoid sudden movements. Never stack the goods at the unloading location higher than the height at which they are stacked for transport (on the truck or container). When unloading, place stacking wood between each stack. Place this stacking wood perpendicularly below / above the stacking wood that is already between the stacked goods. Do not let the stacking wood stick out from between the goods. The unloading tool must be provided with protective rubber strips that are suitable for the application. When using forks (e.g. a forklift or pallet hook), the forks should be placed as close as possible to the inside of the stacking wood with a maximum distance of 5 cm between the forks and the wood. The forks should not lift more than one stack at a time. A stack is a collection of one or more goods that are separated by thicker stacking wood. Thicker stacking wood means beams, which have minimum cross section dimensions of 50 x 50 mm, in contrast to the other stacking wood, which has maximum cross section dimensions of 40 x 25 mm.

Wood in 1 line above each other. Replace the wood between the piles correctly.



Do not stack higher than on the truck or container.

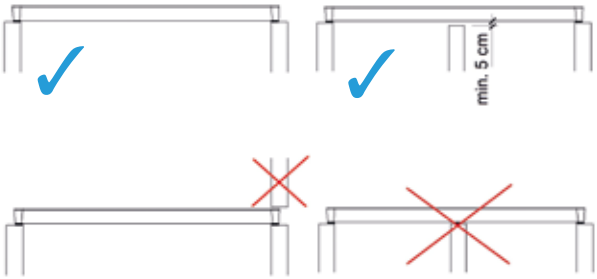


Max. 5 cm between the forks of the forklift truck and the wood. Lift max. 1 pile at a time with forks.

PLACEMENT

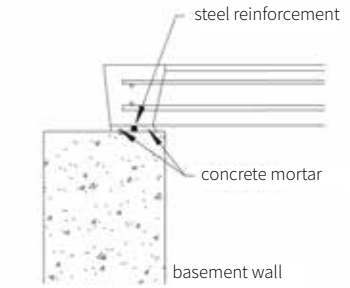
The goods must be placed accurately and professionally.

- The goods must be placed with approved hoisting equipment for your own safety and that of the construction personnel. Under no circumstances should people come under the goods or in close proximity of the turning circles of the goods.
- The goods must be lifted element by element from the stack and placed accordingly.
- The goods must lie in a flat field after installation.
- The goods are only placed on both ends (on a basement wall, for example). Deviations from this, such as additional intermediate supports or laying on a gravel bed, are specifically stated on the sales order confirmation.



- The goods must be imposed freely. In other words, they should not be clamped by for example an overlying wall.
- The prescribed minimum length of the support must be respected at both ends. The minimum support for our concrete products is standard 100 mm. Some deviations apply:
  - Minimum support of 70 mm instead of 100 mm applies for:
    > Pig slats with load class B3 that are used for fattening pigs (load class B2) and this up to a maximum length of 350 cm
    > T-Floors type 503.245
  - Minimum support 125 mm instead of 100 mm applies for:
    > Ventilation slats type 670,000, 671,000, 672,000 and 673,000
    > Ventilation slats type 680,000, 681,000, 682,000 and 683,000
  - Other deviations are described in the specific processing conditions (e.g. for beams) or by a special mention on the sales order confirmation.

- If the basement is made with poured concrete walls or concrete stones, the goods must be placed in a mortar bed. The tolerances of the goods and any unevenness of the concrete walls must be absorbed by the mortar bed. The NEN 1010: 2015 - Electrical installations for low voltage prescribes an additional protective adjustment. This can be done by placing a continuous reinforcement bar or steel wire (preferably diameter 10 mm) in the mortar bed.



- If the basement is made with completely flat precast concrete walls, the goods can also be placed on rubber strips that are suitable for the application and have a minimum thickness of 5 mm.
  - Article RUB2000: For goods with a requirement of 100 mm support.
  - Article RUB2000-7: For goods with a requirement of 70 mm support.

- Cubicle beds are placed after the adjacent concrete slats for a closer connection. When mounting 2 cubicle beds with the front side against each other, the possible tolerance between the front sides is absorbed. If desired, the tolerance can be closed with mortar by the customer / contractor.

- The tolerances on the product dimensions must be taken into account.

- If the goods are processed / sawn on site, the warranty will expire.

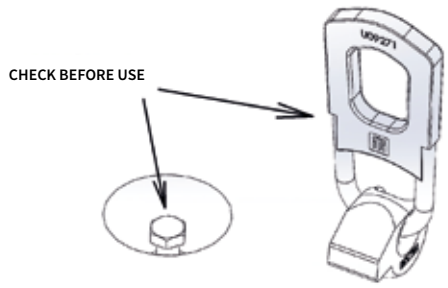
- The goods may not be used as a work floor during the construction process. If there is no other technical option, it is recommended to protect the goods with flat steel, wood or plastic plates to avoid direct contact with the goods. Damage resulting from this is not covered by the warranty.

- Do not allow unauthorized persons to enter the construction site.

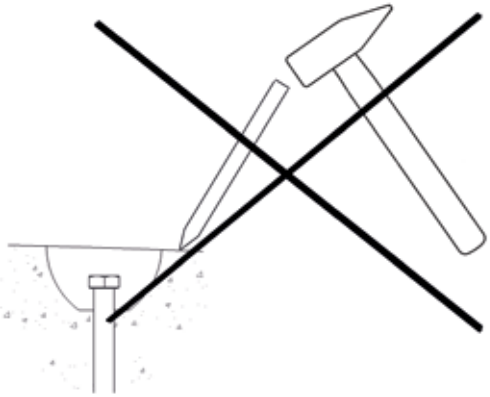
USE OF 3D LIFTING HOOKS FOR SPHERICAL HEAD ANCHORS AND PIT ANCHORS

1 ANCHORING THE LOAD

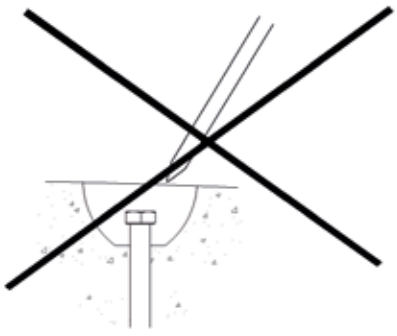
- **Check before use**



- **DO NOT enlarge the hole for cutout**



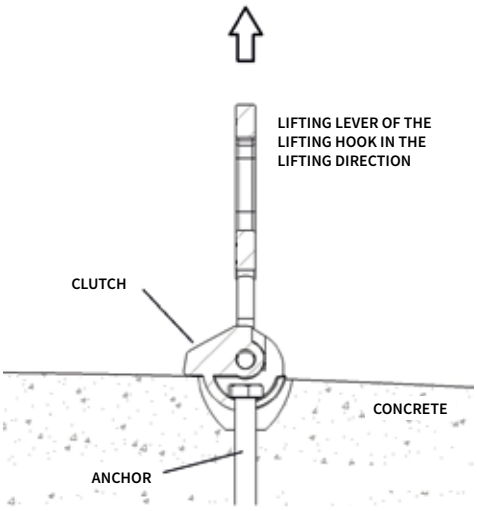
- **It is forbidden to weld the anchor**



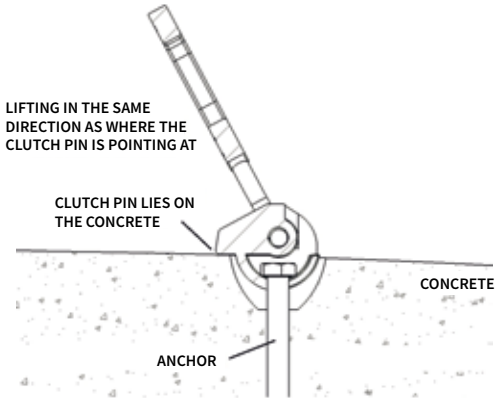
The clutch is placed with its notch facing downwards over the transport anchor head. The clutch pin is turned by hand until it rests on the concrete. The clutch pin lies in the same direction as the pulling direction. If the clutch of the lifting hook is now completely over the head of the anchor in the cutout with the clutch pin in the right direction, then controlled lifting is possible.

2 LIFTING OF THE LOAD

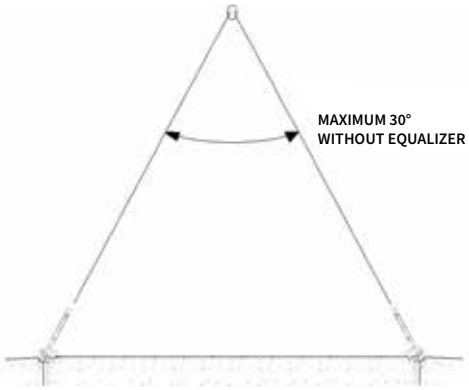
- **Lifting lever of the lifting hook in the lifting**



- **Lifting in the same direction as where the clutch pin is pointing at.**



- **Maximum 30°without equalizer**
  (unless indicated otherwise on the product drawing)



–> Do not generate dynamic overloads (moving work) during the transport of prefabricated elements.

- Ensure that the working load indicated on the lifting hook is the same as that indicated on the anchor head.
- Ensure that the length of the chains is at least twice the distance between the anchors, in order to obtain an elbow pitch of 30°. A higher angle may be permitted, provided it has been taken into account when dimensioning the anchors (this is indicated on the product drawing). The use of an equaliser is always preferred.
- Ensure that the lip of the ring or clutch pin is pressed against the concrete.
- Position the lever of the ring in the same direction as the pull. When lifting, the clutch pin must remain against the concrete.
- The transport of the concrete elements must be done by construction cranes. These cranes reduce the dynamic factors to a minimum, which must be taken into account when dimensioning the anchors. The lifting must be done with the utmost caution.
- Wear safety equipment when handling the precast elements.
- All general safety advice on lifting and hoisting must be followed.

What you must not do!

- Never break the concrete around the anchor to enlarge the recess. The lifting ring must be set in place without manipulating the concrete.
- Never weld on the anchor or the lifting hook, this reduces the quality of the steel.
- Never walk under the load or in its close proximity.
- Never use the lifting hook for purposes other than those for which it was made.

Maintenance

- Make sure that a putting into service report is available before using the lifting hook.
- Depending on the use of the lifting hook, make sure it is periodically inspected by an inspection body (EDTC).
- No repairs may be carried out on a lifting hook; in the event of breakage or deformation, the lifting hook may no longer be used.
- Every lifting hook has a lot number - a serial number - and a CE-mark.

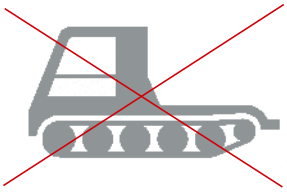
LOAD CAPACITY OF THE GOODS

The goods can be placed immediately after delivery.
The goods may only be fully loaded from 28 days
after the production date.

The production date is stated on the label. If the label is missing, the products may only be fully loaded from 28 days after delivery. In principle, the load capacity and / or load class of the goods is described in various types of documentation (product brochures, technical information on the website, product sheets ...). If the load capacity stated on the sales order confirmation differs from the one stated in other documentation, then the load capacity of the sales order confirmation applies. For products that are shortened (in length, width and / or height), the load capacity is not guaranteed, unless specifically determined.

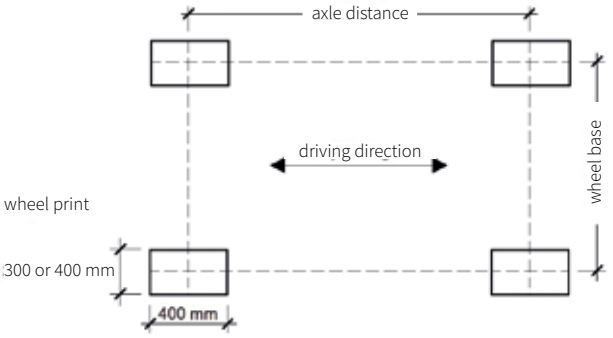
If you have any doubts or conflicting information regarding load capacity, you must contact Anders Beton.

Driveable goods



Anders Beton's goods that are driveable are always calculated based on load from vehicles fitted with pneumatic tires. Under no circumstances Anders Beton goods are suitable for vehicles that are not equipped with pneumatic tires (e.g. tracked vehicles). The load capacity of the goods is expressed in animal weights, line loads, distributed loads and axle loads. In the case of axle loads, the corresponding characteristics are described in the documentation (wheel print, axle distance, wheel base, etc.).

Fit-in slats or shortened slats cannot be driven separately unless stated otherwise. It is important that all aspects related to driveability are strictly observed. If in doubt, you should contact Anders Beton.



ADDITIONAL ACTIONS BEFORE USE

Cleaning

Before using the products, you must clean the surface and the slot openings so that any residues from the construction process are removed.

Acidic environment

Anders Beton's products meet high quality standards. However, products consisting of concrete are not suitable for use in an acidic environment (pH value <6). If the products are used in an acidic environment, provide them with a separate top layer before use to avoid damage. Check regularly during use if the top layer still offers sufficient protection to prevent damage.

Heavy load

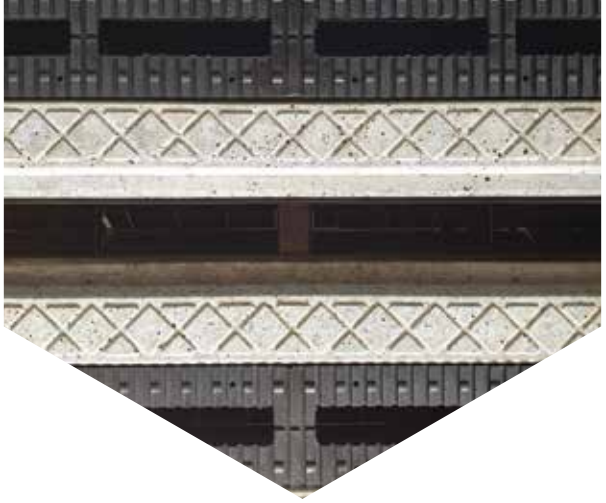
Anders Beton's products that are suitable for an axle load of more than 10 tons and which are provided with slots, must be provided with bevelled edges of at least 5 x 5 mm before use. The bevelled edges prevent loads directly on the sharp slot edge to prevent damage as much as possible. It's recommended to use pneumatic tires with a wheel print as large as possible to reduce point loads. Damage to ventilation slats through use in storage facilities (for potatoes, onions and related preservation products) are known. We would like to emphasize explicitly that such damage is not covered by the warranty conditions.

Deburring

The products are deburred in the factory as good as technically possible at the level of the slots and the sides. If, despite our actions, there are still burrs, please remove them before use to avoid damage and animal suffering.

SPECIFIC PROCESSING CONDITIONS

There are additional specific processing conditions for certain products. In case of discrepancies, the specific processing conditions are leading.



SPECIFIC PROCESSING CONDITIONS

ECO-FLOOR

Scope of these processing conditions

Type numbers: 1599.000 – 1899.000 – 2599.000 – ECO.000 – ECO.000EA – ECO.000PM – ECOKLEP.000 – INSERT85 – INSERT42 – ECOKLEP85 – ECOKLEP42

Combination floor

The ECO-Floor is a combination floor consisting of a ECO-Slat type 1599.000, type 1899.000 or type 2599.000 and rubbers type ECO.000. Plastic emission reduction valves are optionally used underneath the rubbers.

Part 1: ECO-Slat

The ECO-Slats may not be placed one against another during installation. Rubbers must be used as spacers between each ECO-Slat so that the ECO-Slats are placed at the correct distance from each other. If the rubbers are not used when placing the ECO-Slats, the rubbers and the plastic emission reduction valves will not fit.

ECO-Slats type 1599.000 and type 1899.000 are identical concrete products, the only difference is the applied reinforcement. You can recognize the difference between the two goods by the product label. In addition, goods of type 1899,000 are marked with a yellow coloured tooth.

Width-shortened ECO-Slats type 1899.000 with at least 3 remaining main beams can be driven under strict conditions, namely a maximum of 3 tons axle load (axle distance 120 cm, wheel base 180 cm, wheel print 300 x 400 mm).

During construction, residues may remain on the floor. Before installing the rubbers and the optional plastic emission reduction valves, you must thoroughly clean the ECO-Slats. For proper functioning and service life the support on which the rubbers are placed must be flat and free of mortar residues and other contamination.

Part 2: Plastic emission reduction valves (if applicable)

The plastic emission reduction valves must be kept free from rain and wind in order not to damage the packaging and therefore the goods. The plastic emission reduction valves are placed before the rubbers. The plastic emission reduction valves must not come into contact with alcohol-based detergents or corrosive products, as well as oil, gasoline, other petroleum derivatives and an acidic environment.

Part 3: Rubbers (Mandatory part)

The rubbers are delivered packed and protected by a plastic film. To avoid overheating with possible damage, these goods should be stored out of sunlight at a temperature below 40° Celsius. The rubbers must be stored on a flat surface. The rubbers must not come into contact with detergents based on alcohol or corrosive products, as well as oil, petrol, other petroleum derivatives and an acidic environment.

Cleaning the ECO-Floor

For optimal purity and manure passage, the ECO-Floor must be cleaned at least 12 times a day by a dung-cleaning robot or a fixed dung scraper. The floor should always be moistened just before cleaning. The ECO-Floor must always be cleaned perpendicular to the slots. The purity of the ECO-Floor is strongly influenced by various company-dependent parameters. Anders Beton recommends using no more than 5.50 m2 ECO-Floor for each present cow. Different types of cubicle filling are used. Litter based on lime and coarse structures can limit the manure passage. In some European countries there are specific conditions for cleaning (including sliding frequency). This can be found in the system description of that country and may be stricter than what is described above due to ammonia emission reduction.

- The composite piglet slats must be placed tightly against each other. If there is gap between composite slats they can start to slide.
- The composite piglet slats should be placed tightly against each other or against adjacent ele-ments at the support ends. Any gap should be smeared.

COMPOSITE PIGLET SLATS

Scope of these processing conditions

Type numbers: CR.90.60, CR.100.60, CR.110.60, CR.125.60, CR.150.60 and all associated variants.

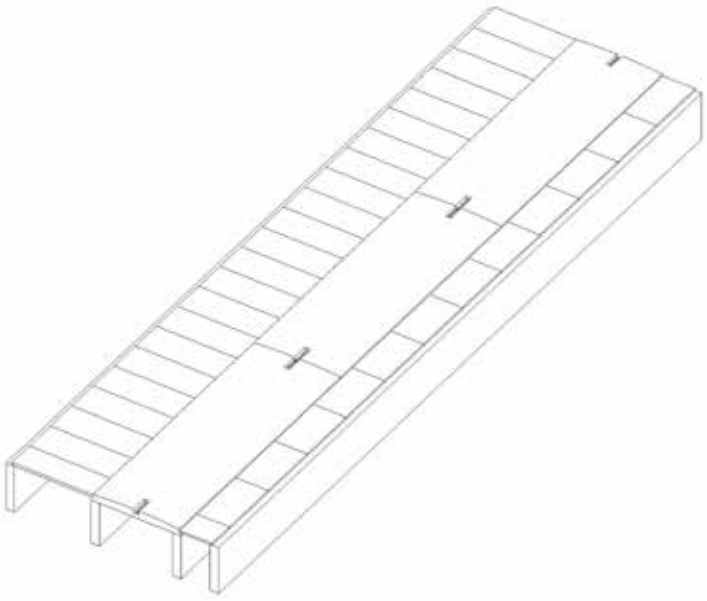
Placement

Composite piglet slats must be placed freely, they cannot be clamped along the top by, for example, a parent wall.

- The prescribed minimum support must be respected on both support sides.
- The minimum support is 30 mm, the support must be flat, use of rubber or felt is possible, place-ment in a mortar bed is not recommended.
- The composite piglet slats can be placed in both the length and the width direction.

Processing

- When composite piglet slats are walked on during the construction phase they should be covered with road plates.
- When attaching profiles / base plates /… the anchor should always be placed around a main beam.
- Composite slats may not be pierced. If these are pierced the structural strength can be affected.
- Composite slats are preferably not sawn. If the sizing makes sawing necessary, it is important to saw the composite slat just along a main beam, transverse or along and to place it at the end of a row. Sawed composite slats are not covered by the warranty.



COMPOSITE FARROWING UNIT SLATS

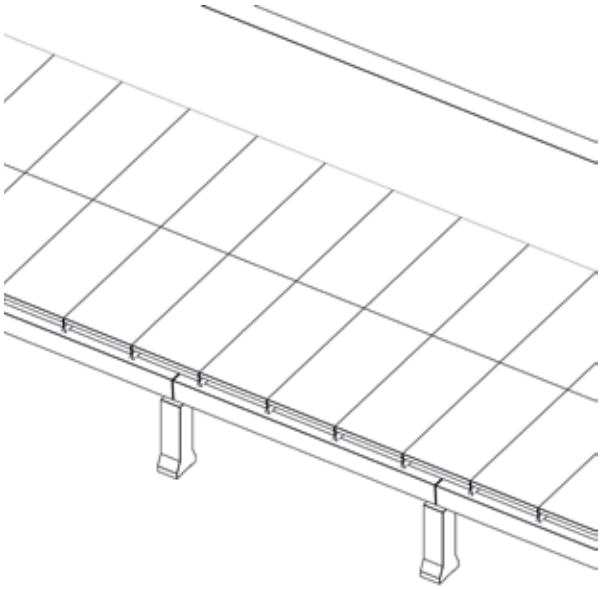
Scope of these processing conditions

Type numbers: CR.125.57, CR.125.67.5 HOLVW, CR.125.67.5 HORVW and all associated variants

Placement

Composite farrowing unit slats must be placed freely, they cannot be clamped along the top by, for example, a parent wall.

- The prescribed minimum support must be respected on both support sides.
- The minimum support is 30 mm, the support must be flat, use of rubber or felt is possible, placement in a mortar bed is not recommended.
- The composite farrowing unit slats can only be placed in the width direction.
- The composite farrowing unit slats must be placed tightly against each other. If there is gap between composite slats they can start to slide.



- The composite farrowing unit slats should be placed tightly against each other or against adjacent elements at the support ends. Any gap should be smeared.
- Specific installation instructions in combination with delta-I carriers: see **“assembly instructions for farrowing unit floor”**.

Processing

- When composite farrowing unit slats are walked on during the construction phase they should be covered with road plates.
- When attaching profiles / base plates /… the anchor should always be placed around a main beam.
- Composite slats must not be pierced. If these are pierced the structural strength can be affected.
- Composite slats are preferably not sawn. If the sizing makes sawing necessary, it is important to saw the composite slat just along a main beam, transverse or along and to place it at the end of a row. Sawed composite slats are not covered by the warranty.
- Specific installation instructions in combination with delta-I carriers and couplings for heated composite farrowing unit slats: see **“assembly instructions for farrowing unit floor”**.

CONVEX/INCLINED (HEATED) FLOORS

Scope of these processing conditions

Type numbers: 570.000-571.000

Placement

- The floor elements are placed with suitable lifting claws: type of lifting claw depends on the weight of the element (see product drawings). Floor elements can also be placed with a suction cup of sufficient size.
- The bearing direction of the elements is indicated on the product drawings as well as the permis-sible load and the weight of the element.
- Floor elements may not be clamped at the height of the support edges.

Processing

- Heated floor elements must not be pierced unless explicitly stated otherwise on the product drawing.
- Couplings for the heating hoses are included. It is recommended to put water pressure on the circuit before smearing the openings.
- Openings in the floor elements are smeared after installation with cementitious mortar.

PREFABRICATED ELEMENTS

Scope of these processing conditions

Floor elements type numbers: 573.000 - 574.000

Placement of the floor elements

- The floor elements are laid with a suction pad of sufficient size, unless otherwise indicated on the product drawings.
- The bearing direction of the elements is indicated on the production drawings as well as the permissible load and the weight of the element.
- Floor elements may not be clamped at the level of the support.

PURO-FLOOR

Requirements

SLATS

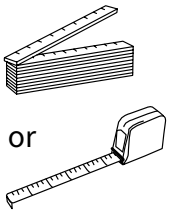
- Lying horizontally / vertically against each other.
- Capacity is guaranteed.
- Urine stone and heavy deposits in the slots must be removed to ensure proper clamping of the fasteners.

MATS

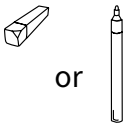
- Must have an even temperature: minimum + 5 ° C and maximum + 30 ° C (depending on the initial temperature at delivery).

You need this

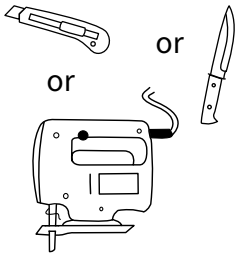
MEASURE



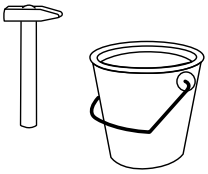
MARK



CUT



ATTACH

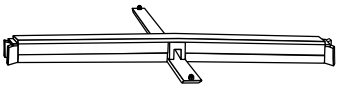


KRAIBURG FASTENER MATERIAL

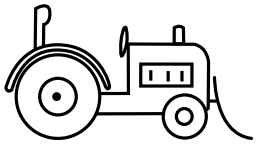
This material is included.

Manure scraper

Use sliding systems specially designed for rubber floors or for renovation: existing sliding systems can be easily adapted on the basis of the **KRAIBURG manure scraping regulations for systems with KRAIBURG rubber on slatted floors**.

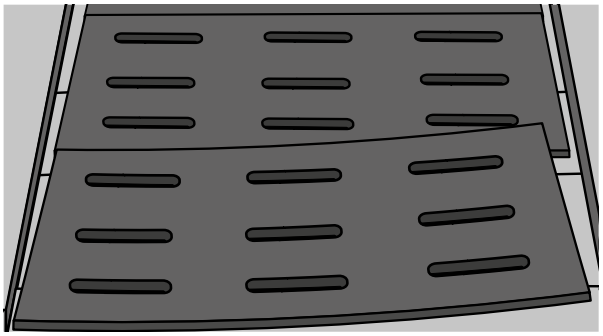


Mobile sliding systems and driving the mats: please read the **KRAIBURG specification for driving.**



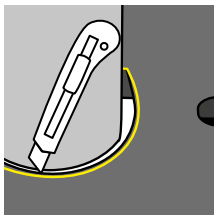
1. Placing mats

The slots of the mat should be laid exactly over the slots of the slat.



2. Customize

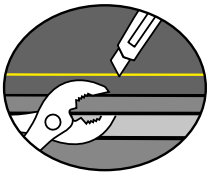
Cut openings in the mat.



TIPS

- Moisten the knife slightly.
- Pull the mats apart slightly.

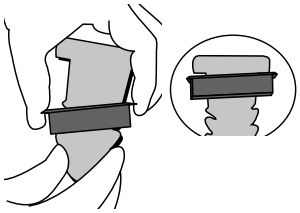
Tip: Use pliers to cut small pieces.



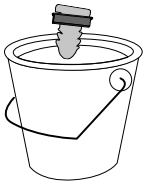
Assembly may differ per company. The manufacturer cannot be held responsible for any damage caused by the assembly!

3. Attach

Place the plastic cover around the rubber key (fixation) above the teeth!

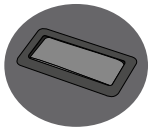


Dip the fixation in warm water for easier processing.



Hit the fixation with a heavy hammer through the openings of the mat into the slot.

The fixation needs to be equal to the mat in terms of height!



If a fixation does not go through the openings or does not pass:

- Check the slots for urine stone or deposits and remove them.
- When there are large differences in the slot width, so the fixings cannot be placed, they can exceptionally be omitted.

Mats with different slot widths.

Different sizes of fixation are required for different slot widths (see the overview on the fixation packaging).

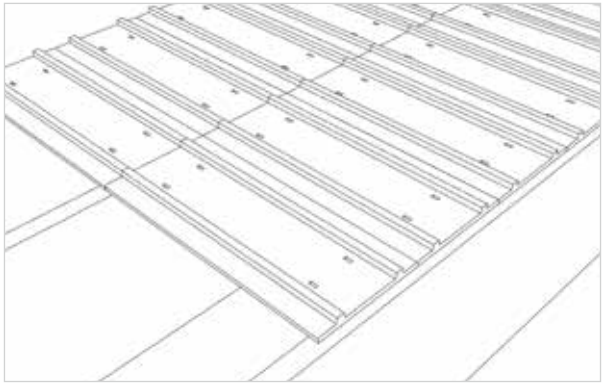
Tip: the fixings in the mats can occasionally come off. In this case, hit the fixings again. It is not harmful when (in exceptional cases) a fixation is missing (through loss).

T-FLOORS

Scope of these processing conditions

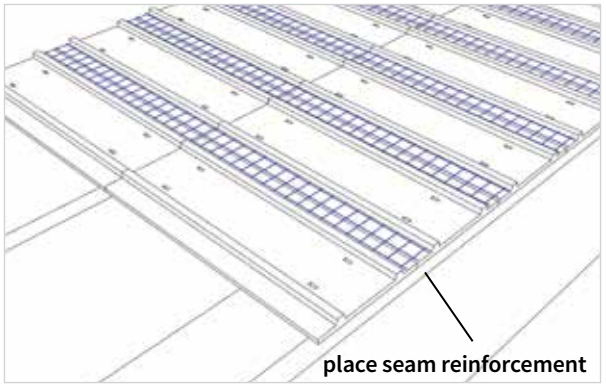
Type numbers: 503.000 – 509.000

Placement and additional reinforcement



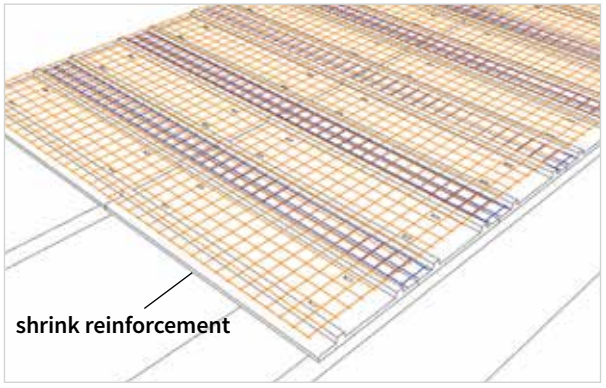
STEP 1: INSTALL T-FLOORS

Minimum support on both sides: 100 mm
(except 70 mm for type 503.245).



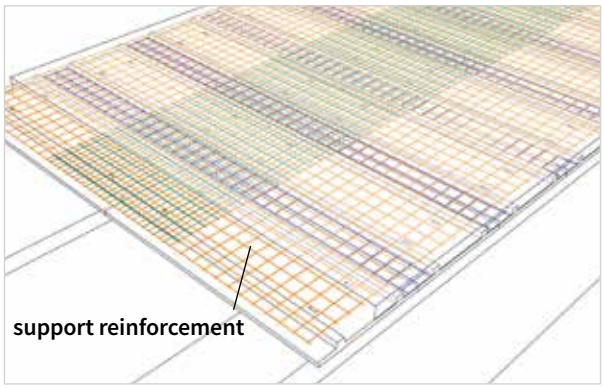
STEP 2: PLACE SEAM REINFORCEMENT

Diameter 6#150 between the plates.
The seam reinforcement must be placed 20 mm above the T-Floor.



STEP 3: PLACE SHRINK REINFORCEMENT

Diameter 6#150 (on top)
The shrink reinforcement must be placed 30 mm below the finished surface.

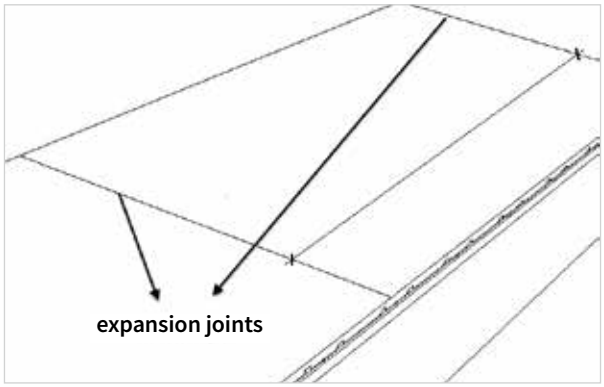


STEP 4: SUPPORT REINFORCEMENT

Guide values to limit crack width:
diameter 6#150 (up to 12,5 tons axle load)
diameter 8#150 (up to 20 tons axle load)

Explanation

The floors are dimensioned for free support. This means that no reinforcement is required above the supports. Anders Beton therefore does not calculate the support reinforcement. In practice, the reinforcement meshes and the concrete will continue above the supports. This means that, without special provisions, a crack will develop above the intermediate supports in the floor. If one wants to prevent/limit cracking, an extra reinforcement mesh must be placed above the intermediate supports over a width of 2 meters. Anders Beton provides the above guideline values from experience. Anders Beton takes no responsibility for this. If an exact calculation of the cracking is desired, the responsible constructor of the contractor must be called upon.



STAP 5: EXPANSION JOINTS

24 hours after pouring the compression layer, saw expansion joints every 600 cm with a height of 1/3 of the total thickness of the floor.

Compression layer schedules

The concrete quality of the compression layer must be at least C20/25.

The minimum quantity is shown in the tables below.

Standard schedules:

TYPE 503.000

After 28 days of curing, the floor can be loaded with 500 kg/m²

LENGTH T-FLOOR	COMPRESSION LAYER THICKNESS	TOTAL FLOOR THICKNESS	# LITERS OF CONCRETE/M²
245 cm[3]	9 cm	15 cm	81
≤ 270 cm[3]	9 cm	15 cm	81
275-300 cm[1]	11 cm	17 cm	101

TYPE 509.000

After 28 days of curing, the floor can be driven on with:

- 12.500 kg moving axle load
  (track width 200 cm, axle distance 120 cm and wheel print 40 x 40 cm)
- 15.000 kg tipping axle load
  (track width 200 cm, axle distance 200 cm and wheel print 40 x 40 cm)

LENGTH T-FLOOR	COMPRESSION LAYER THICKNESS	TOTAL FLOOR THICKNESS	# LITERS OF CONCRETE/M²
≤ 300 cm	12 cm	18 cm	109
305-350 cm	15 cm	21 cm	139
355-380 cm[1] [2]	18 cm	24 cm	169
385-390 cm[1] [2]	19 cm	25 cm	179
395-400 cm[1] [2]	22 cm	28 cm	209

Explanation of the footnotes:

[1] The T-Floor must be supported in the center of the plate before, during and up to 28 days after placing the compression layer.

[2] For the German standards, the thickness of the compression layer must be increased by 1 cm for plates with a length over 350 cm. There is 10 liters/m² more poured concrete needed.

[3] The thickness of the compression layer must be increased in function of the desired coverage on the shrink reinforcement.

Special schedules:

TYPE 509.000 – "LIGHT"

After 28 days of curing, the floor can be driven on with:

- 4.000 kg moving axle load (track width 180 cm, axle distance 120 cm and wheel print 40 x 40 cm)

LENGTH T-FLOOR	COMPRESSION LAYER THICKNESS	TOTAL FLOOR THICKNESS	# LITERS OF CONCRETE/M²
≤ 350 cm[3]	9 cm	15 cm	81
355-400 cm[1] [3]	9 cm	15 cm	81

TYPE 509.000 – "HEAVY"

After 28 days of curing, the floor can be driven on with:

- 15.000 kg moving axle load
  (track width 200 cm, axle distance 120 cm and wheel print 40 x 40 cm)
- 20.000 kg tipping axle load
  (track width 200 cm, axle distance 200 cm and wheel print 40 x 40 cm)

LENGTH T-FLOOR	COMPRESSION LAYER THICKNESS	TOTAL FLOOR THICKNESS	# LITERS OF CONCRETE/M²
≤ 300 cm	15 cm	21 cm	139
305-350 cm	19 cm	25 cm	179
355-390 cm[1] [2]	23 cm	29 cm	219
395-400 cm[1] [2]	26 cm	32 cm	249

TYPE 509.000 – "EXTRA HEAVY"

After 28 days of curing, the floor can be driven on with:

- 20.000 kg moving axle load
  (track width 200 cm, axle distance 120 cm and wheel print 40 x 40 cm)
- 25.000 kg tipping axle load
  (track width 200 cm, axle distance 200 cm and wheel print 40 x 40 cm)

LENGTH T-FLOOR	COMPRESSION LAYER THICKNESS	TOTAL FLOOR THICKNESS	# LITERS OF CONCRETE/M²
≤ 300 cm	21 cm	27 cm	199
305-350 cm[1]	25 cm	31 cm	239
355-390 cm[1] [2]	31 cm	37 cm	299
395-400 cm[1] [2]	35 cm	41 cm	339

BEAMS

Scope of these processing conditions

Type numbers: 1809.000 – 1816.000 – 2020.000 – 2120.000 – 3220.000 – 3320.000 – 3025.000 – 3125.000

Correct placement

Type 1809.000

The bottom side is the narrow side.

Type 1816.000

The underside is the narrow side and is marked with the words 'onder' [bottom].

Type 2020.000

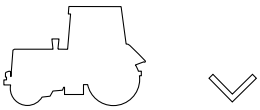
The upper side of the beam is marked with the words 'boven' ('au dessus') [top].

Type 2120.000

The upper side of the beam is marked with the words 'boven' ('au dessus') [top].

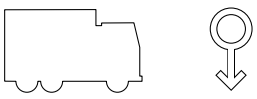
Type 3220.000 and 3320.000

The arrow indicates the bottom side and the tractor image must be upright.



Type 3025.000 and 3125.000

The arrow indicates the bottom side and the truck image must be upright.



Lengths of the support

Type 1816.000	Minimum 100 mm at both ends
Type 2020.000	Minimum 100 mm at both ends
Type 2120.000	Minimum 100 mm at both ends
Type 3220.000	Minimum 150 mm at both ends
Type 3320.000	Minimum 150 mm at both ends and in the middle
Type 3025.000	Minimum 200 mm on rubber at both ends
Type 3125.000	Minimum 200 mm on rubber at both ends and in the middle

The beams with length up to 350 cm (type numbers 1816.000 – 2020.000 – 2120.000 – 3220.000 – 3025.000) are imposed on both ends only. Deviations from this, such as additional intermediate support points or support on a bedding, are specifically stated on the sales order confirmation.

The beams with a length greater than 350 cm (type numbers 3320.000 - 3125.000) must always be supported at both ends AND in the middle. This is also stated on the sales order confirmation.

GREEN TRACK AND PAVING PLATES

Scope of these processing conditions

Type numbers: 801.000 – 803.000 – 805.000 – 806.000 – 810.000 – 815.000

The green track and paving plates can be used in various applications. The preparation of the substrate and installation instructions differ depending on the application and the desired quality level. For a high-quality application such as a prestigious car park or company site, the substrate must be very well prepared to serve as a foundation. The plates can also be used as simple surfacing in a pasture without a foundation.

The customer is responsible for transferring these processing conditions to the (sub) contractor and other users / processors. Should problems arise after having carried out the following guidelines, suspend your work immediately and contact Anders Beton first.

Placement in a pasture (without foundation)

Without a real foundation local sags and cracking in the plates cannot be ruled out. After all, this is determined by the quality of the substrate. If you follow the guidelines below, a good result will be obtained:

- The surface must be free of debris and obstacles.
- The substrate must be finely milled 3 to 4 cm deep. After that, the substrate must be levelled out. Repeat this sequence until a properly levelled out track has been achieved.
- It is recommended to fill this lane with +/- 5 cm of coarse sand (crushing sand, road sand or coarse river sand) so that the top layer has an even surface.
- Make sure that the surface cannot wash away.
- The elements are laid slowly and horizontally with a release clamp or with certified lifting equipment.
- To prevent damage, it is recommended to use spacers to create a 5 mm joint.
- Before loading the plates, the joints and the holes of green track plates must be filled. It is recommended to do this with coarse sand, but it is also possible to use the excavated soil. The plates must certainly be filled to the top in order to withstand the prescribed axle load.
- Drive in the plates with maximum half a load so that they can settle before they are fully loaded.

Installation as a high-quality application (with foundation)

A good end result is only possible if the elements are correctly placed on a good surface. The conditions below apply:

- Provide a sufficiently strong foundation.
- Subsurface must be free of debris and obstacles.
- Place a laying course (bedding) consisting of at least 10 cm of coarse sand (crushed sand, street sand or coarse river sand and ensure that it is well levelled out and compacted.
- Make sure that the bedding cannot wash out.
- The elements are laid slowly and horizontally with a release clamp, vacuum lifting device or certified lifting equipment.
- Outdoor floors are laid with a gradient of 1 to 1.5% for good drainage.
- To prevent damage, it is recommended to use spacers to create a 5 mm joint.
- Before loading the plates, the joints and the holes of green track plates must be filled. It is recommended to do this with sand adapted to the desired vegetation later. The plates must certainly be filled to the top to withstand the prescribed axle load.
- Drive the plates in with a maximum half a load so that they can settle before they are fully loaded.

Technical advice for the excavator

substrate / foundation / laying course (bedding)

The plates must be placed on a laying course (bedding) with sufficient bearing capacity. The structure of the layers must be such that an even settlement can be expected. Provide a soil spring constant of at least 0.06 N / mm^3 (approx. 15% CBR). The sand must be coarse and have a permanent drainage function.

For more foundation advice, it is recommended to consult an agency specialized in soil mechanics.

Sand advice

- The sand must have the description: “Sand with a permanent drainage function ”. (Standard RAW provisions, art. 22.06.02);
- Median sand (Mz) 210, so that the sand can be characterized as ‘rough’.
- Evenness coefficient (Cu) 2 (This value characterizes the distribution in the grain distribution)

Compaction advice

The advice is to achieve a degree of compaction (proctor value) of at least 95% and an average value of 98% at a depth of less than 1.0 meter below ground level. Elements can then set themselves in the laying course (bedding).

Water management of the surface

When the subsoil is saturated with water, the axle load capacity decreases sharply. Moreover, it is often adversely affected if frost and then thaw occur. The groundwater level must therefore remain sufficiently deep below the ground surface. It is advisable to maintain a maximum water level of 0.5 meters below the floor slabs. Also make sure that the sand bedding cannot wash out.

GENERAL CONDITIONS OF SALE

1. GENERAL

1.1. Sales by Anders Beton are exclusively subject to the following general conditions of sale.

1.2. These conditions take precedence over the conditions issued by the buyer or a third party, even if Anders Beton has not explicitly contested them. Other conditions can only be enforced against Anders Beton if Anders Beton has accepted them in writing.

1.3. Anders Beton only sells goods and cannot be considered a contractor under any circumstances. Unless explicitly agreed otherwise, Anders Beton does not conduct any activity on behalf of the buyer.

2. ORDERS/QUOTATIONS

2.1. Quotations by Anders Beton are valid for a maximum of 14 calendar days.

2.2. All quotations are non-binding, both in terms of prices and quantities and in terms of delivery periods. The buyer may place an order on the basis of this quotation. Anders Beton may then accept this order by returning the confirmation of the sales order.

2.3. A sales contract is considered to have arisen on the date when the confirmation of the sales order is sent to the buyer. The confirmed delivery week is clearly communicated for each product on the confirmation of the sales order.

3. PRICES/MODIFICATIONS/ADDITIONAL STORAGE COSTS

3.1. The agreed price and payment period is only valid if the agreed delivery period is respected by the buyer. If not, the price can be increased with storage costs and the payment term can be adjusted (see 3.2).

3.2. If the goods are not purchased within the agreed and confirmed delivery period (original delivery period) at the buyer's request or due to non-compliance with the payment terms as communicated on the sales order confirmation, then Anders Beton will take the following actions:

a) A one-off delay of a maximum of two calendar weeks is accepted without consequence, the buyer receives a modified sales order confirmation with the new confirmed delivery week (second delivery period).

b) If the second delivery period is again not respected, the buyer receives an advance invoice for the total value of the deferred goods and a modified sales order confirmation whereby the delivery period is again postponed by two calendar weeks (third delivery period) and the payment condition of the sales order confirmation is adjusted to prepayment.

c) If the third delivery period is again not respected, Anders Beton will invoice a one-time storage cost of € 10 per tonne.

4. MODELS/SPECIFICATIONS

4.1. The dimensions, weights, quantities and other technical characteristics, along with the designs, sketches and plans on the website, sale price quotations, confirmations of sales orders, catalogues and brochures (this list is not exhaustive) are always provided by way of an approximation and can never give rise to any form of damage claim.

4.2. Anders Beton's concrete slatted floors always comply with the tolerances stated in the European standard EN12737. The tolerances may be greater than the European standard EN12737 for any of Anders Beton's other concrete products. These tolerances can be obtained on request.

4.3. Anders Beton retains the right to make changes to its goods that are considered useful for their proper functioning. The buyer cannot make any claim against Anders Beton on that basis, nor demand that the same changes be made to any goods that have already been ordered.

5. DELIVERY

5.1. Anders Beton makes every effort to respect the agreed delivery periods. However, a possible failure to deliver within these delivery periods can never give rise to the cancellation of the sale, nor to any compensation for damage at the cost of Anders Beton.

5.2. The delivery occurs in accordance with the applicable international standard for the rights and obligations of the buyer and seller in the international transportation of goods, specifically the Incoterms 2020®. Anders Beton applies the standard "EXW (Ex Works), specifying the location of one of our production sites", unless agreed otherwise in writing.

5.3. If the goods are delivered in instalments at the buyer's request, each shipment is invoiced separately, as are the extra transportation costs incurred in this context.

6. COMPLAINTS/RETURNS

6.1. The buyer is obliged to check the goods upon receipt, taking into account the relevant European standard and the specifications and processing instructions provided by Anders Beton. Complaints are only valid if they are made known to Anders Beton immediately, and at the latest within 5 working days of receipt of the goods, by e-mail and adequately supported by photos. The customer must always request a written confirmation of receipt of this e-mail from the Anders Beton employee in question. The goods in question must be kept available for possible observations by Anders Beton or its representative.

6.2. After the end of this period of 5 working days, no more complaints whatsoever will be accepted by Anders Beton and the customer is considered to have waived any right to make a claim related to the goods.

6.3. Anders Beton does not accept returns of goods. The buyer can submit a written request for a return of goods. If Anders Beton is willing to offer a return order, it will provide the buyer with a quote for this.

7. PAYMENT/COLLECTION

7.1. All Anders Beton's invoices are sent by e-mail as standard, unless agreed otherwise.

7.2. Payment of Anders Beton's invoices must be made two weeks before delivery, unless agreed otherwise in writing.

7.3. Any costs connected to the payment are to be borne by the buyer. All taxes, charges, import duties and other impositions with respect to the goods are to be borne by the buyer and will be invoiced to the buyer.

7.4. For every invoice that is not paid in full on its expiry date, the buyer incurs the legal interest owed, by law and without prior notification, from the expiry date of the invoiced amounts that are paid late or unpaid. For the calculation of the legal interest owed, Anders Beton applies the 12-monthly EURIBOR rates + 3,50%.

7.5. In the event that any one invoice is not paid by the expiry date, all the other unexpired invoices will become immediately payable by law.

7.6. If the buyer defaults in full or in part on its payment obligations with regards to deliveries that have already been received, Anders Beton has the right to refuse or suspend further deliveries until the buyer has met all their obligations, including all the interest, compensation and (storage)costs owed as specified in these conditions of sale.

7.7. All costs that Anders Beton is obliged to incur in connection with the fulfilment of the sales agreement entered into with the buyer, including the costs connected to the collection of amounts receivable from the buyer with regard to these agreements, such as the costs of bills of exchange, warnings and objections, all costs in and out of court, such as the costs of lawyers and bailiffs, are to be borne fully by the defaulting buyer.

8. RETENTION OF TITLE/COLLATERAL

8.1. Until the price, including all incidental expenses, has been paid in full by the buyer, the goods shall remain the property of Anders Beton. The buyer is explicitly forbidden from processing the goods, making them immovable by incorporation, selling them on or transferring them in any way before the price has been paid in full.

8.2. The retention of title does not detract from the transfer of risks to the buyer as determined in article 5 of these conditions of sale. For the duration of retention of title, the buyer is responsible for conserving the goods supplied in good condition. Any loss or damage is at the buyer's risk. The buyer is obliged to insure the goods at their own expense against all risks, and to conserve the goods in such a way that no mixing with other goods could possibly occur and the goods can always be recognised as the property of Anders Beton. Each payment by the buyer is first deducted from the invoices relating to goods used, processed or sold on by the buyer.

8.3. Anders Beton retains the right at all times, before making supplies or further supplies to the buyer, to demand sufficient collateral and guarantees as it believes necessary for the proper fulfilment of the buyer's payment obligations deriving from the sales agreements existing at that time. Anders Beton has the right to demand collateral without prior notification and irrespective of any repayment term that it may have granted to the buyer.

9. CANCELLATION AT THE BUYER'S EXPENSE

9.1. If the buyer fails to fulfil the sales agreement, the agreement will be legally terminated without notice

of default, at the buyer's expense. In that case the buyer is obliged to compensate Anders Beton in full for all damage suffered and costs incurred, including consequential loss and loss of profits. The same applies in the event of the buyer's bankruptcy.

10. FORCE MAJEURE

10.1. If Anders Beton is prevented from fulfilling the sales agreement, fully or in part, as a result of force majeure, it is entitled either to suspend its implementation until the situation of force majeure has ceased to exist, or to terminate it due to the force majeure, as it sees fit. In either event, it is not obliged to pay any compensation for damage to the buyer.

10.2. In the context of this article, force majeure affecting Anders Beton shall be considered to mean any circumstance that cannot be attributed to the will or fault of Anders Beton according to the law or the attitudes current in society, which is the case in the following circumstances, for example, without this list being exhaustive; war, civil war, uprising, seizure of the goods, embargo, labour conflicts, strikes and lockouts, transport difficulties, difficulties with the supply of raw materials, limitations or difficulties with the energy supply, disruptions of business and machine breakdowns, import and/or export measures and limitations imposed by the government, serious changes to the exchange rates, exceptional climate conditions such as snow and storms, fire, floods or other natural disasters, even if these circumstances occur with respect to Anders Beton's suppliers or subcontractors.

11. GUARANTEE/LIABILITY

11.1. Anders Beton's concrete products always comply with European standard EN12737 in terms of the requirements for concrete quality.

11.2. If the buyer can prove that within a period of 10 years after delivery that the concrete products did not comply with these requirements for concrete quality upon delivery (see 11.1), Anders Beton will make new concrete products available free of charge under the delivery conditions EXW (see Incoterms 2020®).

11.3. Anders Beton provides a 5 year guarantee on the rubbers of the ECO-Floor, to be calculated from the time of delivery. This guarantee provision merely entails that for rubbers with excessive wear and tear (more than 5 mm of wear occurring over more than 25% of the surface of the rubber) and/or with a break in the lateral connection of the rubber part within this 5 year period, Anders Beton will make new rubbers available free of charge under the delivery conditions EXW (see Incoterms 2020®). However a supply of new rubbers of this kind does not lead to the start of a new guarantee period.

11.4. Anders Beton provides a 2 year guarantee on the emission reduction valves of the ECO-Floor, to be calculated from the time of delivery. This guarantee provision merely entails that for synthetic emission reduction valves that break or whose flaps come loose from the valve during this 2 year period, Anders Beton will make new synthetic emission reduction valves available free of charge under the delivery conditions EXW (see Incoterms 2020®). However a supply of new synthetic emission reduction valves of this kind does not lead to the start of a new guarantee period.

11.5. Anders Beton provides a degressive 5 year guarantee on the rubber mats and the synthetic mats that are used on top of concrete slats, to be calculated from the time of delivery. This guarantee provision merely entails that for these mats used for cattle of up to 450 kg, with wear and tear that considerably impairs their functioning and that can be demonstrably attributed to a material or manufacturing defect, Anders Beton will supply new mats within this 5 year period at a price equal to "the value of the mat when new, divided by 60 months and multiplied by the number of months that have passed since the supply", under the delivery conditions EXW (see Incoterms 2020®). However a supply of new mats of this kind does not lead to the start of a new guarantee period. Typical effects of use are however excluded from this guarantee; this will be the case, for example, under the following circumstances, without this list being exhaustive: expansion of the mat, sporadic loss of fastening materials, partially worn surface profile, wear and tear on the underside and/or small tears.

11.6. On all other goods that are not covered by the provisions of articles 11.1 up to and including 11.5, Anders Beton grants a two-year guarantee from delivery.

11.7. Any liability that Anders Beton may have towards the customer is limited to the supply of new goods if Anders Beton is obliged to make such a supply on the basis of the aforementioned guarantee clauses. Under no circumstances is Anders Beton liable for indirect damage as the result of a proven error that can be attributed to it, such as but not limited to: loss of income, defamation, third-party claims etc. Neither is Anders Beton liable for direct consequential loss such as installation and expansion, disposing of materials etc. All guarantees and/or liability shall expire if the customer fails or has failed to comply with the processing instructions that apply to the materials supplied. The buyer acknowledges receipt of the instructions in question, full comprehension of these instructions and consent to them before making the purchase. Any liability borne by Anders Beton on the basis of an illegal act is in any case limited to the amount that is effectively paid out by the insurance company under Anders Beton's active insurance policies with respect to this insurance claim.

12. PROCESSING OF PERSONAL DATA

12.1. Anders Beton acknowledges that the processing of personal data is subject to the Belgian law of 8 December 1992 (hereinafter: the "Privacy Law") and, from 25 May 2018 onwards, Regulation (EU) 2016/679 that replaces the Privacy Law. Anders Beton declares that it will comply with these privacy rules.

12.2. It has issued a privacy statement for this purpose. Anders Beton's privacy statement can be consulted at any time on Anders Beton's website, https://andersbeton.com.

13. APPLICABLE LAW AND COMPETENT COURTS

13.1. All transactions and agreements between the buyer and Anders Beton, whatever country the buyer is established in, shall be exclusively subject to Belgian law, but with the explicit exclusion of the conditions of the United Nations Convention on Contracts for the International Sale of Goods signed in Vienna on 11 April 1980.

13.2. The Belgian courts and tribunals, and more specifically the courts of the legal district in which Anders Beton has established its registered office, are exclusively authorised to rule on any disputes that may arise between the buyer and Anders Beton as a result of any agreement or transaction whatsoever.

ANDERSBETON

DESIGNED
TO BE
BETTER

DISCOVER ANDERS BETON'S WHOLE PROGRAM

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