



PRODUCTS



falkbouwsystemen.nl

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“Making a difference with
continuous improvement”

Rene Warring, International Sales





EXPLANATION OF ICONS



ROOF

This icon indicates a panel intended as roof panel.



FAÇADE

Panels shown with this icon are suitable as cladding for façades.



PARTITION WALL

Panels shown with this icon are suitable as partition walls.



CEILING

Panels shown with this icon are suitable as ceiling.



PROFILED SHEET

Profiled sheets are made from one piece of sheet metal.



FM APPROVED

These panels are FM 4881, 4880 and 4471 approved.



FIRE RESISTANCE

Available in fire-retardant (B-S2-D0) or fire resistant construction. For questions, advice and reports, please contact our Technical Services.



MOISTURE RESISTANT

An anti-condensation felt on the bottom of profiled sheets prevents dripping.



FOODSAFE

Special edition for the food industry. The foodsafe coating meets hygiene requirements.



SOLAR FIT

These products are suitable for the installation of solar panels. The number and type of fasteners will depend on the mounting system and should be determined by the supplier of the solar panels.



DAYLIGHT SOLUTION

These products are solutions for daylighting through the roof.



EKO B

Particularly suitable for new buildings in which fire classification B is needed for areas where animals are kept. EKO panels in this version meet fire classification B and thus the new Building Code.



PRESERVATION+

This version is especially developed for a durable and condensation free wall and roof construction.



AGRI-COATING

Agri-coating is designed for long life in agricultural applications.



ZULASSUNG

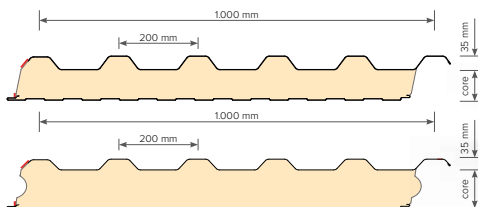
Products with this icon meet the German Zulassung.

FALK 1000 TR

* 0,5/0,4 mm external and internal face

** Available on request

Core thickness [mm]	Overall thickness [mm]	U-value [W/m ² K]	Weight* [kg/m ²]	Fire classification [-]	Fire resistance [min.]
40	75	0,46	10,5	B-s2,d0	EW30
50**	85	0,38	10,9	B-s2,d0	EW30
60	95	0,32	11,3	B-s2,d0	EW60, EI20
80	115	0,25	12,1	B-s2,d0	EW90, EI30
100	135	0,20	12,9	B-s2,d0	EW90, EI30
125	160	0,16	13,9	B-s2,d0	EW90, EI30
150	185	0,14	14,9	B-s2,d0	EW90, EI30



- ▶ For roof slopes from 4 degrees
- ▶ Maximum length up to 25.000 mm
- ▶ Hollow control joint from 100 mm core size
- ▶ Colorcoat HPS200 Ultra®
- ▶ Rapid installation due to positive stacking



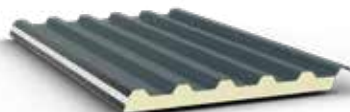
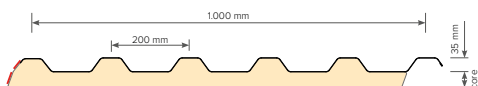
FALK 1000 TR EKO (B)

* 0,5 mm external face

** also available with PUR insulation

*** Available on request

Core thickness [mm]	Overall thickness [mm]	U-value [W/m ² K]	Weight* [kg/m ²]	Fire classification [-]
30	65	0,56	7,1	B-s2,d0
40**	75	0,46	7,5	B-s2,d0
50***	85	0,39	7,9	B-s2,d0
60	95	0,32	8,3	B-s2,d0



- ▶ For roof slopes from 4 degrees
- ▶ Ammonia resistant foil inside
- ▶ Maximum length up to 25.000 mm
- ▶ Rapid installation due to positive stacking

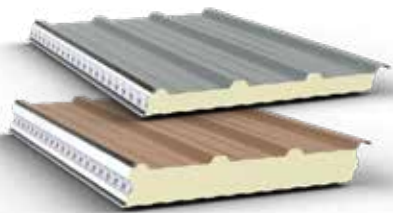
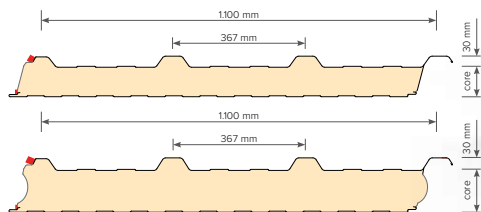


FALK 1100 TR 3+

* 0,5/0,4 mm external and internal face

**Available on request

Core thickness [mm]	Overall thickness [mm]	U-value [W/m ² K]	Weight* [kg/m ²]	Fire classification [-]	Fire resistance [min.]
40	70	0,48	9,8	B-s2,d0	-
50**	80	0,39	10,2	B-s2,d0	-
60	90	0,33	10,6	B-s2,d0	EW60, EI20
80	110	0,25	11,4	B-s2,d0	EW90, EI30
100	130	0,20	12,2	B-s2,d0	EW90, EI30
130	160	0,16	13,4	B-s2,d0	EW90, EI30
150	180	0,14	14,2	B-s2,d0	EW90, EI30



- ▶ Extra wide sandwich panel
- ▶ For roof slopes from 4 degrees
- ▶ Maximum length up to 25.000 mm
- ▶ Hollow control joint from 100 mm core size
- ▶ Colorcoat HPS200 Ultra®



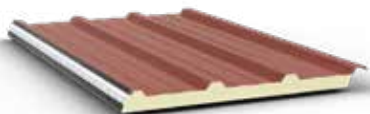
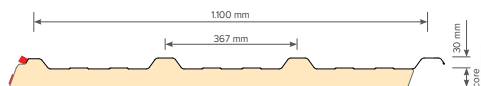
FALK 1100 TR 3+ EKO (B)

* 0,5 mm external face

** also available with PUR insulation

*** Available on request

Core thickness [mm]	Overall thickness [mm]	U-value [W/m ² K]	Weight* [kg/m ²]	Fire classification** [-]
20	50	0,85	7,1	B-s2,d0
40	70	0,48	7,5	B-s2,d0
50***	80	0,39	7,9	B-s2,d0
60	90	0,33	8,3	B-s2,d0



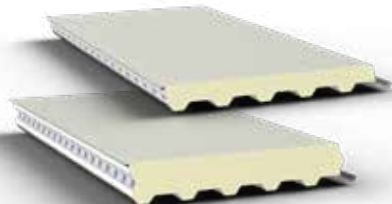
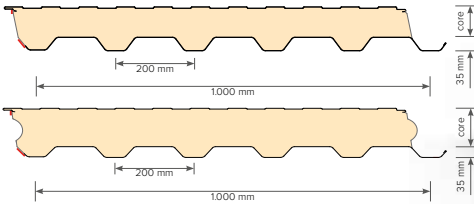
- ▶ Extra wide roof panel
- ▶ For roof slopes from 4 degrees
- ▶ Ammonia resistant foil inside
- ▶ Maximum length up to 25.000 mm
- ▶ Also available in fire resistant option, EKO B



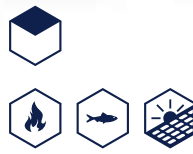
FALK 1000 TR PD

* 0,6/0,6 mm external and internal face

Core thickness [mm]	Overall thickness [mm]	U-value [W/m²K]	Weight* [kg/m²]	Fire classification [-]
80	115	0,25	14,8	B-s2,d0
100	135	0,20	15,6	B-s2,d0
125	160	0,16	16,6	B-s2,d0
150	185	0,14	17,6	B-s2,d0



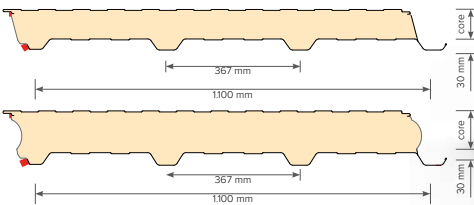
- ▶ For roof slopes below 4 degrees
- ▶ Maximum length up to 25.000 mm
- ▶ Hollow control joint from 100 mm core size
- ▶ Rapid installation thanks to negative stacking
- ▶ Easy to cover with membrane after installation



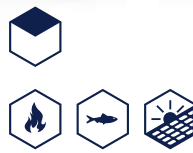
FALK 1100 TR 3+ PD

* 0,6/0,6 mm external and internal face

Core thickness [mm]	Overall thickness [mm]	U-value [W/m²K]	Weight* [kg/m²]	Fire classification [-]
80	110	0,25	14,1	B-s2,d0
100	130	0,20	14,9	B-s2,d0
130	160	0,16	16,1	B-s2,d0
150	180	0,14	16,9	B-s2,d0



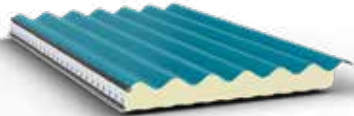
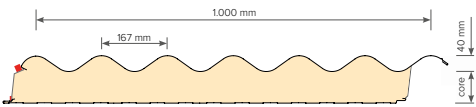
- ▶ Extra wide roof panel
- ▶ For roof slopes below 4 degrees
- ▶ Maximum length up to 25.000 mm
- ▶ Hollow control joint from 100 mm core size
- ▶ Rapid installation thanks to negative stacking



FALK 1000 GL

* 0,5/0,4 mm external and internal face

Core thickness [mm]	Overall thickness [mm]	U-value [W/m²K]	Weight* [kg/m²]	Fire classification [-]	Fire resistance [min.]
43	83	0,39	10,9	B-s2,d0	EW30
60	100	0,30	11,6	B-s2,d0	EW60, EI20
80	120	0,23	12,4	B-s2,d0	EW90, EI30
120	160	0,16	14,0	B-s2,d0	EW90, EI30



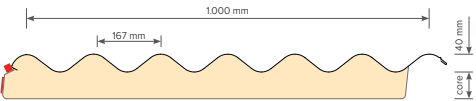
- ▶ Insulated (wave profile) panel
- ▶ For roof slopes from 4 degrees
- ▶ Maximum length up to 20.000 mm
- ▶ Colorcoat HPS200 Ultra®
- ▶ Rapid installation thanks to positive stacking



FALK 1000 GL EKO (B)

* 0,5 mm external face
** also available with PUR insulation

Core thickness [mm]	Overall thickness [mm]	U-value [W/m²K]	Weight* [kg/m²]	Fire classification [-]
31**	71	0,50	7,2	B-s2,d0
43**	83	0,39	7,6	B-s2,d0
60	100	0,30	8,3	B-s2,d0



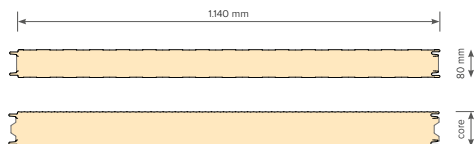
- ▶ Insulated (wave profile) panel
- ▶ For roof slopes from 4 degrees
- ▶ Ammonia resistant foil inside
- ▶ Maximum length up to 20.000 mm



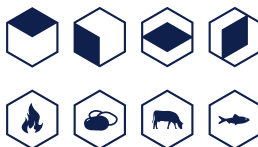
FALK 1140 KV

* 0,63/0,4 mm external and internal face

Core thickness [mm]	U-value [W/m ² K]	Weight* [kg/m ²]	Fire classification [-]	Fire resistance [min.]
80	0,27	12,2	B-s2,d0	EW60
100	0,21	13,0	B-s2,d0	EW60, EI30
120	0,18	13,8	B-s2,d0	EW120, EI30
140	0,15	14,6	B-s2,d0	EW120, EI30



- ▶ Excelent panel for cold stores or deep-freeze stores
- ▶ Maximum length up to 20.000 mm
- ▶ In maxirib, microrib and box profile
- ▶ Designed for vertical and horizontal installation
- ▶ Visible fastener

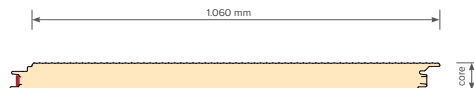


FALK 1060 WB

* 0,63/0,4 mm external and internal face

** Available on request

Core thickness [mm]	U-value [W/m ² K]	Weight* [kg/m ²]	Fire classification [-]	Fire resistance [min.]
60	0,37	12,0	B-s2,d0	EW30
80	0,28	12,8	B-s2,d0	EW60
100	0,22	13,6	B-s2,d0	EW30, EI30
120	0,18	14,4	B-s2,d0	EW30, EI30
140**	0,15	15,2	B-s2,d0	EW30, EI30
160**	0,13	16,0	B-s2,d0	EW30, EI30



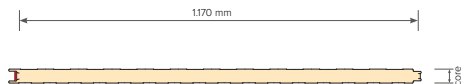
- ▶ Maximum length up to 20.000 mm
- ▶ In maxirib, microrib and box profile
- ▶ Colorcoat as desired for both external en internal faces
- ▶ Designed for vertical and horizontal installation
- ▶ Hidden fastener



FALK 1170 WZ

* 0,5/0,4 mm external and internal face

Core thickness [mm]	U-value [W/m ² K]	Weight* [kg/m ²]	Fire classification [-]
40	0,53	10,0	B-s2,d0
60	0,35	12,5	B-s2,d0

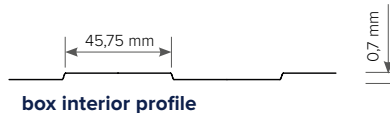
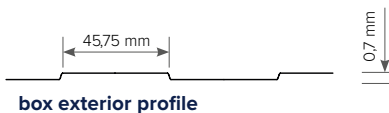
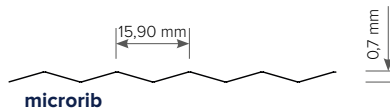
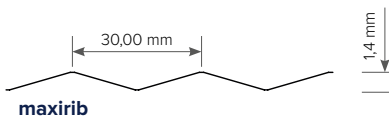


- Convenient for interior walls and façades
- Maximum length up to 20.000 mm
- In maxirib, microrib and box profile
- Designed for vertical and horizontal installation
- Visible fastener



FALK PROFILES

Insulated façade and wall panels can be customized with special profiles. These panels are: FALK 1140 KV, FALK 1060 WB en FALK 1170 WZ.



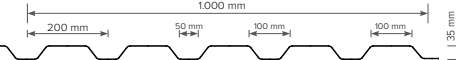
FALK 1000/35 TR

Core thickness [mm]	Weight [kg/m ²]
0,55	5,7
0,63	6,4

FALK 1000/35 ROOF



FALK 1000/35 FAÇADE



- For roof slope from 4 degrees
- Maximum length up to 20.000 mm
- Optional anti-condensation felt against drop formation
- Designed for vertical and horizontal installation
- Visible fastener



FALK 1000/40 GL

Core thickness [mm]	Weight [kg/m ²]
0,55	5,7
0,63	6,4

FALK 1000/40 ROOF



FALK 1000/40 FAÇADE

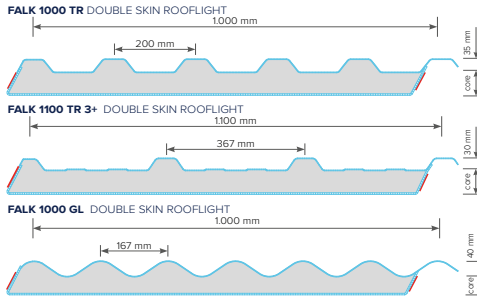


- From 4 degrees roof pitch
- Maximum length up to 20.000 mm
- Optional anti-condensation felt against drop formation
- Designed for vertical and horizontal installation
- Exposed fastener



FALK DUBBLE SKIN ROOFLIGHT

Core thickness [mm]	U-value [W/m²K]	Weight [kg/m²]	Fire classification [-]
30 t/m 80	2,70	ca. 5,0	upper sheet: B-s1,d0 lower sheet: B-s1,d3

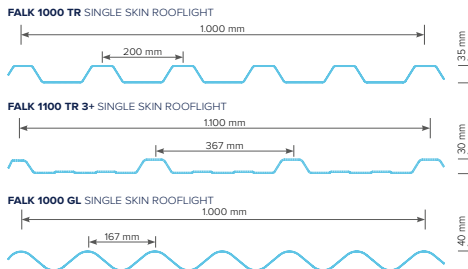


- ▶ TR, TR 3+ of GL profiles
- ▶ Length up to 7.000 mm (to 7.500 mm on request)
- ▶ White opal: ca. 40% light transmission
- ▶ Clear: ca. 74% light transmission
- ▶ Also fits on EKO (B) panels



FALK SINGLE SKIN ROOFLIGHT

Element thickness [mm]	U-waarde [W/m²K]	Gewicht [kg/m²]	Brandklasse [-]
3	4,55	ca. 2,5	B-s2,d0



- ▶ TR, TR 3+ of GL profiles
- ▶ Maximum length up to 8.000 mm
- ▶ White opal: ca. 40% light transmission
- ▶ Clear: ca. 74% light transmission
- ▶ Also fits on EKO (B) panels





ABOUT FALK BOUWSYSTEMEN

FALK Bouwsystemen delivers insulated metal panels for roof, wall and façade. These panels form a durable and versatile covering for roofs and façades that determine the identity of a building. At FALK it's you to decide the identity. You choose the profiling, the color, the insulation value and the type of coating of your roof or façade.

FALK Bouwsystemen has it's own production lines. So able to deliver quickly and adequately the right products in the right place. In recent years, there are already millions of square meters FALK panels mounted on barns commercial buildings and riding areas.

FALK builds the future.



Disclaimer

Care has been taken to ensure that the contents of this product selector are accurate. Suggestions for, or description of, the and use or application products or methods of working are for information only and FALK Bouwsystemen B.V. accept no liability in respect thereof.

FALK Bouwsystemen B.V.

Neonstraat 23
6718 WX Ede
Holland

+ 31 (0)318 670 670
info@falkbouwsystemen.nl
falkbouwsystemen.nl