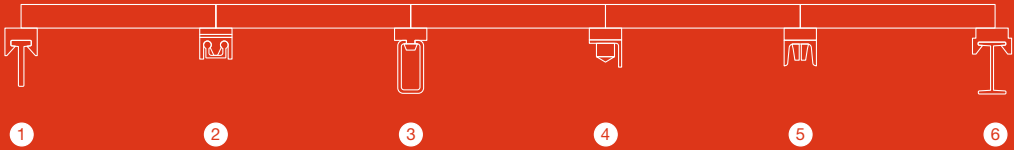


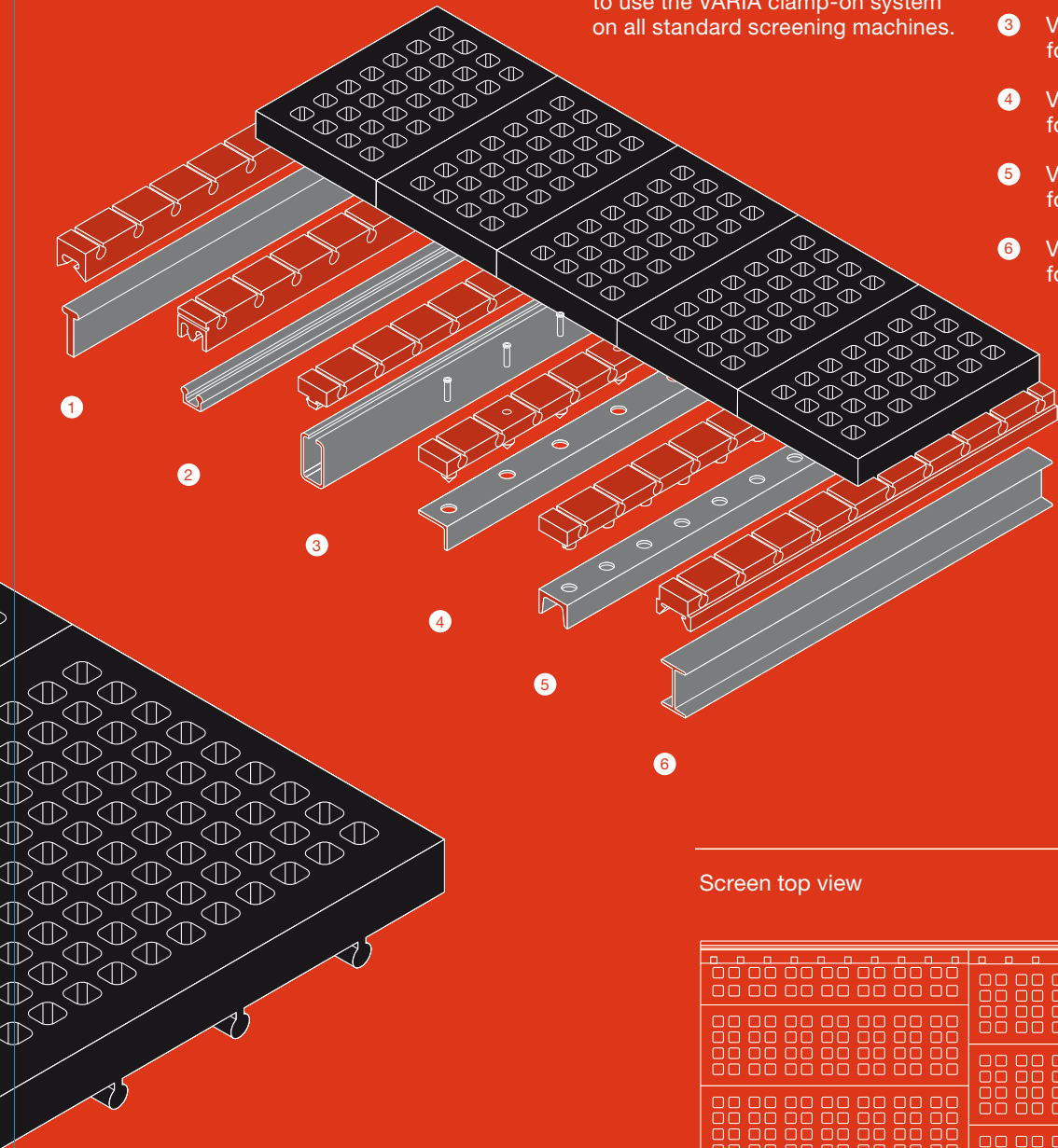
Adapter bars
Cross-section



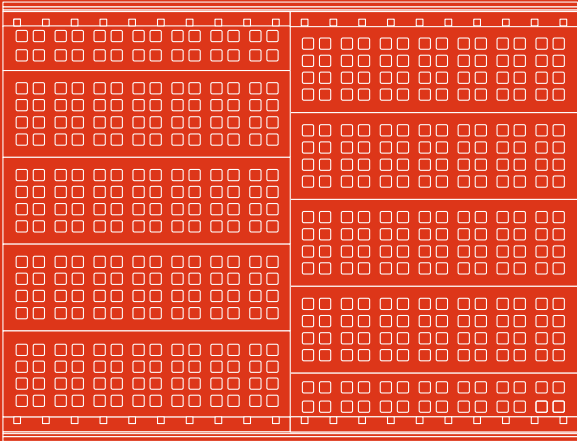
Adapter bars/Steel profiles
Types

The VARIA clamp-on system can be used on all standard end-tensioned steel profiles due to the special adapter bars. Through the use of the adjacent adapter bars, it is possible to use the VARIA clamp-on system on all standard screening machines.

- 1 VARIA steel profile with VARIA adapter bar type I
- 2 VARIA adapter bar type II for “E profile”
- 3 VARIA adapter bar type III for “C profile”
- 4 VARIA adapter bar type IV for angle profile
- 5 VARIA adapter bar type V for “U profile”
- 6 VARIA adapter bar type VI for “I profile”



Screen top view





The fast, universal clamp-on system

THE CLAMP-ON SYSTEM FOR FAST, ROBUST CONNECTION TO STANDARDISED COMPONENTS.

Easy to install and variable

The VARIA clamp-on system is based on the simple but robust connection of standardised components. Depending on the application, its clamp-on screening panels are made of KÜPRENE, GK-SOFT, GIGANT, CLEAN or wire. Due to the standardised structure it is possible to equip a screen deck with various materials, which often proves to be an advantage in practice. Adapter bars fix the clamp-on screens to the substructure. The screen parts can be simply tapped in, pried out or slid in and out at the side.

Furthermore, the adapter bar protects the steel substructure against wear and tear. The VARIA clamp-on system is not only perfectly suited for the initial equipment of new screening machines, but also for the conversion of existing systems. It can be easily installed and removed without additional attachment material, is practically maintenance-free and stands out due to its high level of cost effectiveness.

Replacement time

VARIA clamp-on system

–50 %

VARIA
Tension screens / flat screens

Shorter replacement times and lower replacement costs are the reasons for the higher levels of cost effectiveness of VARIA compared to other screening systems.

Functions

- Very easy to install
- Robust steel substructure
- Adapter bars protect substructure against wear and tear
- Panels made of rubber or polyurethane with conical holes, highly resistant to wear and tear
- Various materials possible on one screen deck
- Suitable for initial equipment and conversion
- Very efficient
- Can also be equipped with wire screens



Materials

GIGANT

GIGANT is vulcanised and moulded to a hardness of 60 shore A. It is very abrasion-resistant and elastic.

- Very resistant to abrasion and elastic
- Processing broken, sharp-edged and abrasive materials



Quarry



Sand/
Gravel Pit



Mining



Recycling



Industry

CLEAN

CLEAN is vulcanised and moulded to a hardness of 35 shore A. It is extremely flexible and wear-resistant.

- Highly flexible and wear-resistant
- Processing materials that tend to cause plugging



Quarry



Sand/
Gravel Pit



Mining



Recycling



Industry

KÜPRENE

This wear-resistant polyurethane has a hardness of 90 shore A. KÜPRENE is elastic and impact-proof. It is resistant to water and several different chemicals.

- Elastic and impact-proof
- Resistant to water and many chemicals
- Wet screening, dewatering



Quarry



Sand/
Gravel Pit



Mining



Recycling



Industry

GK-SOFT

GK-SOFT is a polyurethane available in various degrees of hardness from 55 up to 85 shore A. It is wear-resistant and elastic.

- Resistant to wear and elastic
- Wet screening with blinding issues



Quarry



Sand/
Gravel Pit



Mining



Recycling



Industry

Wire

Wear-resistant screen mesh can be used for tensioned or flat screen panels as well as modular panels for our clamp-on systems.

- Dry processing with materials that can cause blockages
- Surface problems, maximum screening performance



Quarry



Recycling



Chemical
Industry

WEAR TECHNOLOGY

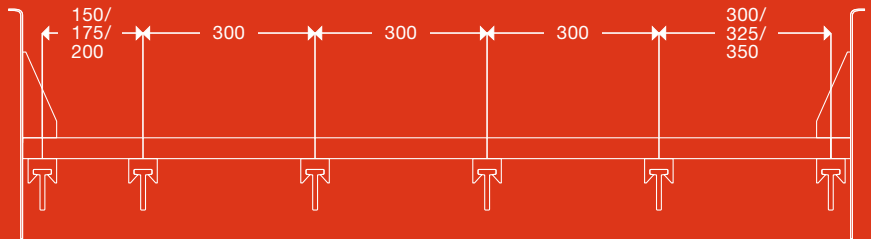
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F +49 234 935 98-22

VARIA

MC01

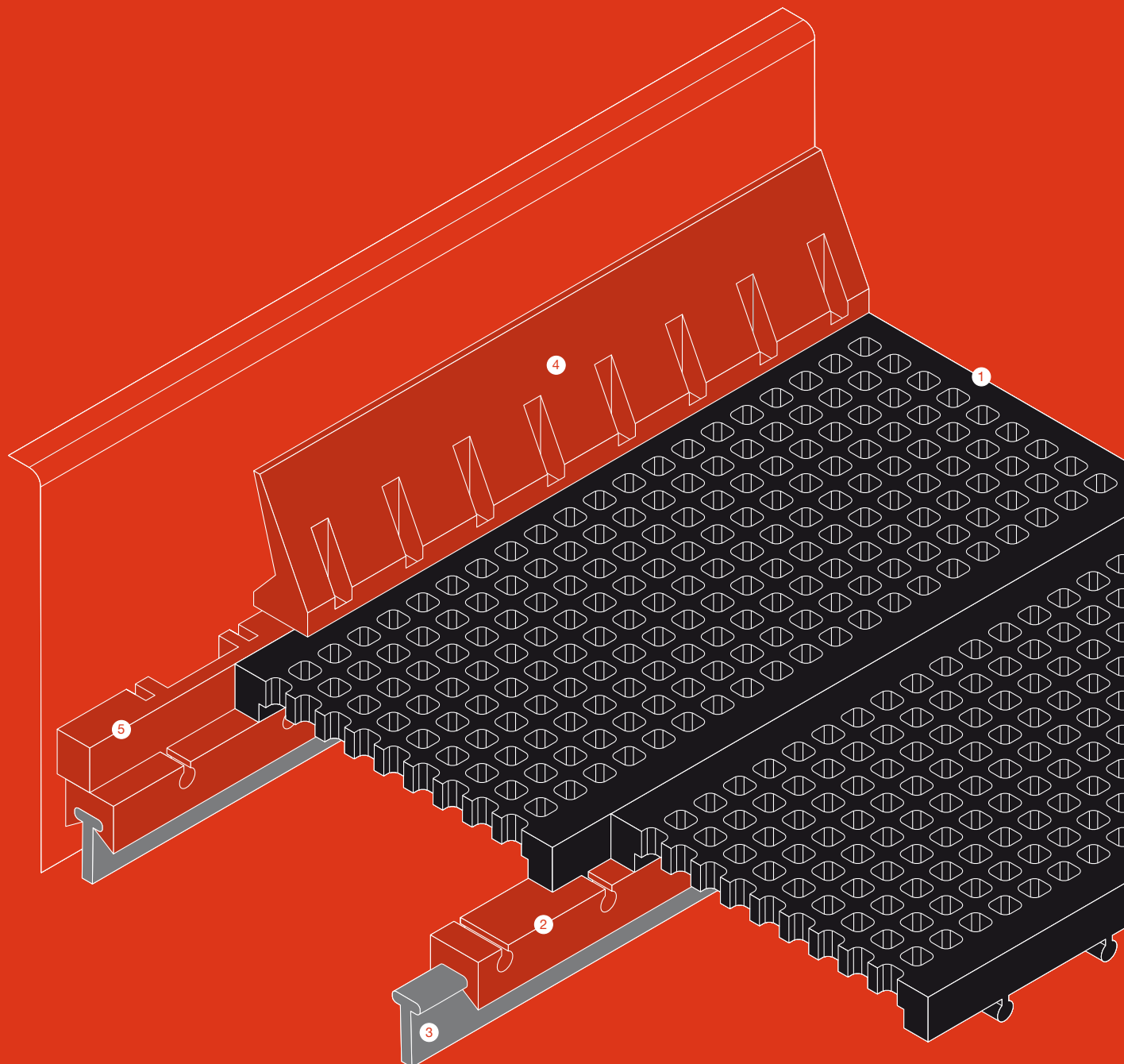
Screen Dimensions*



*Sizes in mm; other widths available.

VARIA construction

- 1 VARIA clamp-on screen
Standard: 1,000x300 mm**,
in rubber, polyurethane or
wire, for installed heights
of 35, 45 and 55 mm
- 2 KÜPRENE adapter bar type 1
protects the steel profile
- 3 T-shaped steel profile
70x30x8 mm, very stable,
protected against wear
and tear
- 4 KÜPRENE side protection bar
Standard heights: 100, 150
und 200 mm**
- 5 KÜPRENE adjustment bar
Width dependent on the
distance between the side
wall of the machine and the
first end-tensioned profile,
for installed heights of 35,
45 and 55 mm



**Other sizes also available on request.

Hole shapes

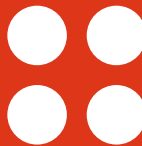
VARIA screen panels with various hole shapes according to customer requirements for the best possible coordination to the respective application. Hundreds of different hole shapes available.



Square preparation



Rectangular perforation



Round perforation



Tear-shaped perforation

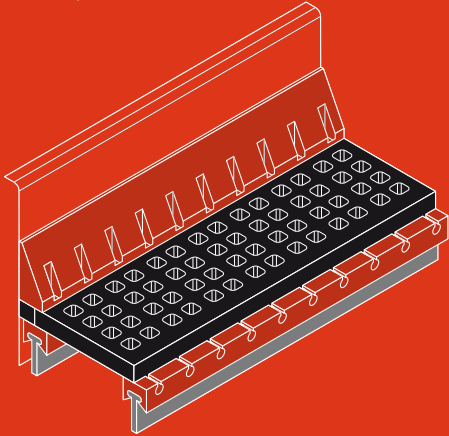


Elongated perforation

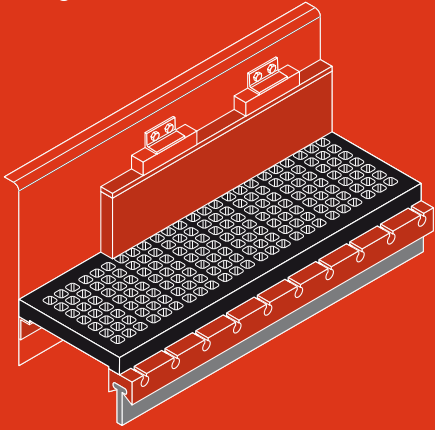
Side protection bar

Side wear protection of the machine wall in wedged, clamped or screwed designs in various materials and sizes available.

Side protection bar



Wedge bar



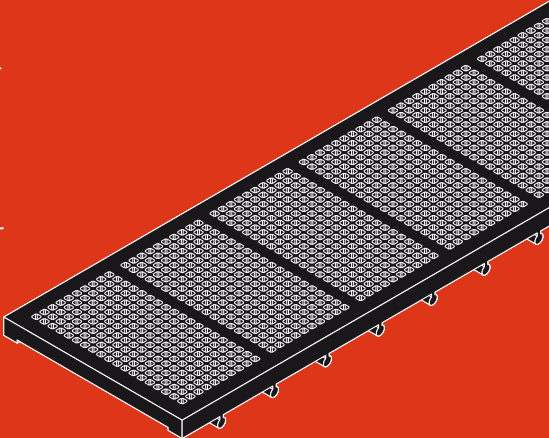
Special designs

Flatter screen panel*: Used for media with critical screening properties; through the use of thin screening apertures a cleaning effect is achieved.

MAX system**: Due to the permanent further development of our VARIA clamp-on system, we are in a position to produce screen panels with a maximum open screen surface.

Roller bar***: For very hard applications, for the protection of the geometry of the holes, used for large materials.

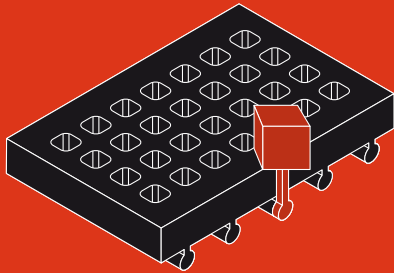
Flatter screen panel*



Accessories

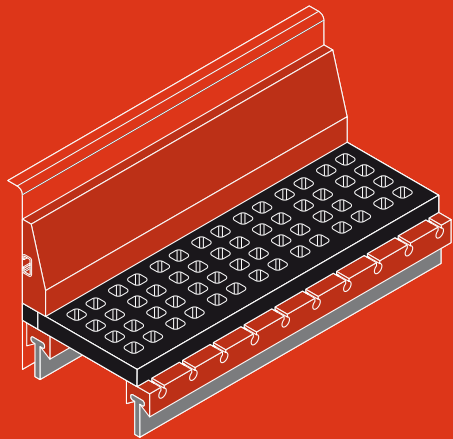
For all screen panels you will receive from us the necessary accessories. Central attachment and retarder bars, attachment pots, wedge and side protection bars, plastic wedges, deflectors, screw protection caps and much more.

Deflector

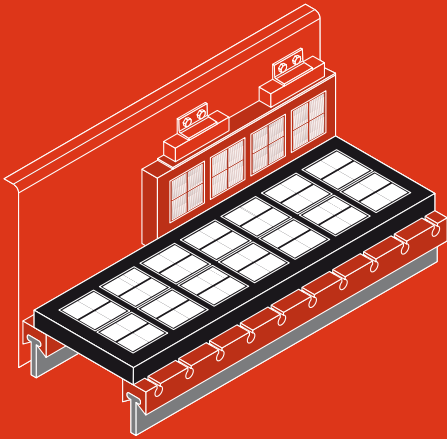


The VARIA clamp-on system is not only perfectly suited for the initial equipment of new screening machines, but also for the conversion of existing systems.

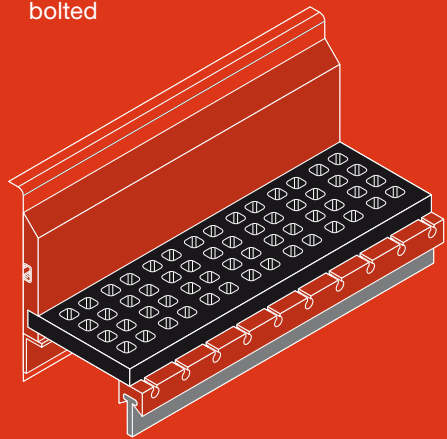
Side bar, bolted



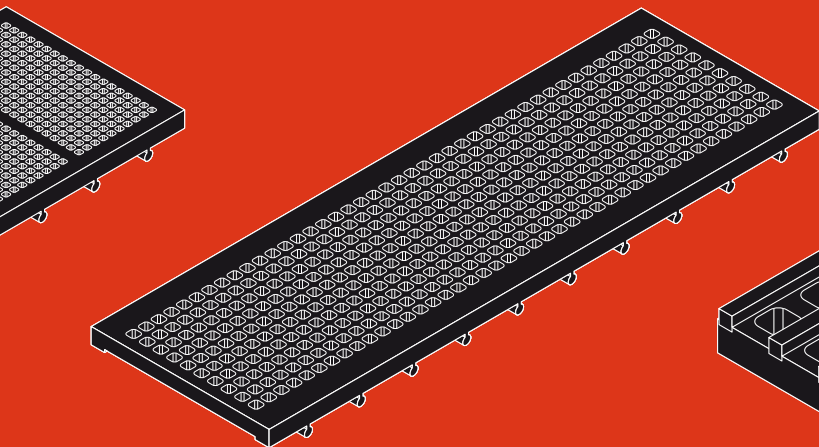
Side bar, dewatering



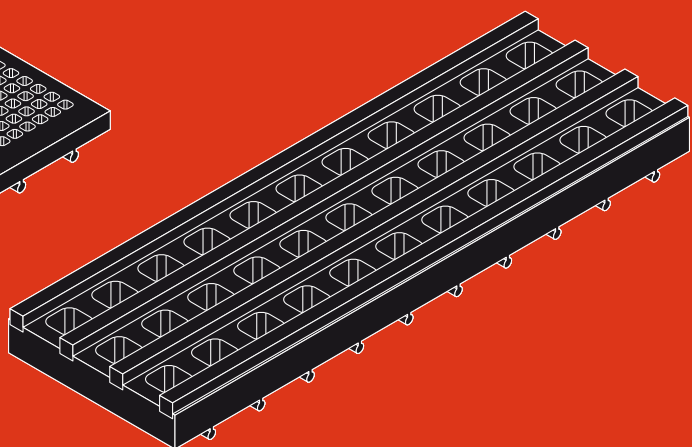
Special side bar, bolted



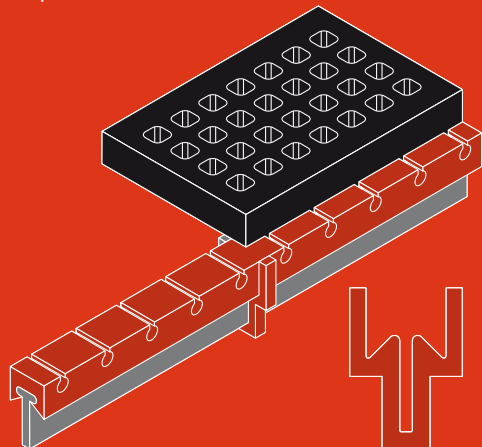
MAX system**



Roller bar***



Drip deflector



Retarder bar

