MIK®
INTERNATIONAL

Product catalogue

MADE IN GERMANY

Timeline

Tradition, innovation and quality "Made in Germany"

MIK INTERNATIONAL and VVM TechTrade stand for quality "Made in Germany", innovative products, individual service and reliable solutions for modern livestock farming. As system suppliers and manufacturers of feeding technology, penning systems and plastic flooring systems, we combine technical expertise with practical product development. Our product portfolio is continuously evolving – from modern flooring systems and innovative heating solutions to future-oriented feeding technology.

As leading manufacturers, MIK INTERNATIONAL and VVM TechTrade offer innovative and durable solutions that are used worldwide in pig farming, as well as for sheep, goats, calves, poultry and rabbits. Both companies combine their decades of experience with high product quality and personalized service **– strong partners for future-oriented livestock farming.**

1968
In 1968, Heinrich Michel founded the company Heinrich Michel Agrarbautechnik.

1976
Development of the first cast panel with diagonal gaps.

1978
Introduction of the first plastic panel for pig farming

1979
Change of company name to MIK Heinrich Michel and development of the drainage system "Grüne Rinne".

1992
MIK Thermo, the first warm water operated heating panel for piglets, is launched on the market.

1998
Introduction of the 800 mm wide plastic panels.

2005
Foundation of VVM TechTrade.

2008
The unique plastic panel CHESS is launched on the market.

2018
MIK celebrates its 50th company anniversary with a big EuroTier party.

2019
Start of in-house conveyor chain production.

2021
Introduction of 80 mm and 100 mm conveyor chain systems.

2026
Introduction of rubber comfort lying areas.

General overview



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MIK® INTERNATIONAL

Farrowing panel systems

Proven step safety with optimal surfaces

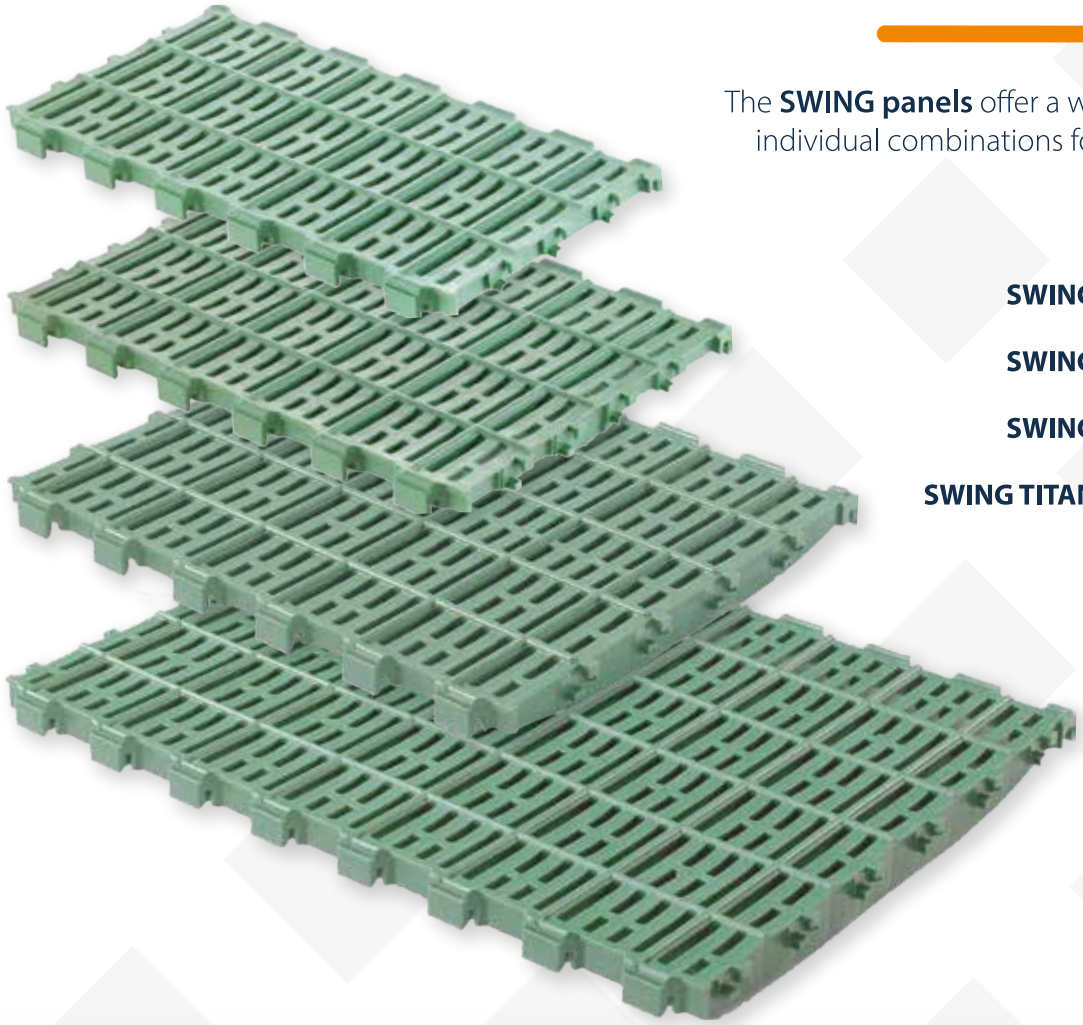
Product benefits

- stable and hygienic
- versatile and animal friendly
- extremely strong and durable



SWING

The **SWING panels** offer a wide variety of individual combinations for **farrowing.**



SWING 300 x 600

SWING 400 x 600

SWING 500 x 600

SWING TITAN 600 x 800



SWING 300 x 100



SWING 400 x 100



SWING 500 x 100



SWING TITAN 600 x 100

	SWING 300 x 600	SWING 300 x 100	SWING 400 x 600	SWING 400 x 100	SWING 500 x 600	SWING 500 x 100	SWING TITAN 600 x 800	SWING TITAN 600 x 100
Item no.	100047	100045	100051	100049	100058	100055	100073	100061
Measurements*	300 x 600	300 x 100	400 x 600	400 x 100	500 x 600	500 x 100	600 x 800	600 x 100
Opening width	10 mm	10 mm	10 mm	10 mm	10 mm	10 mm	10 mm	10 mm
% of openings	29 %	29 %	29 %	29 %	29 %	29 %	29 %	29 %
Animal weight	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg

*Dimensions in width x length

SWING variations

The modular design of the **SWING series** allows **optimal adaptation to the different lying requirements** of the sow's shoulders, teats and hind legs.





SWING G 3 % 300 x 600

Suitable for all SWING panels:
SWING CLIP GR



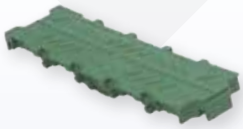
SWING G 400 x 600



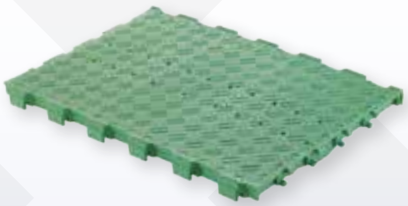
SWING G 5 % 400 x 600



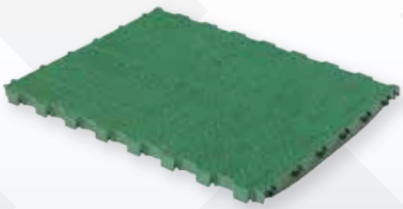
SWING G 10 % 400 x 600



SWING GR 100 400 x 600



SWING GR 400 x 600



TITAN GR 600 x 800

	SWING CLIP GR	SWING G 400 x 600	SWING G 3 % 300 x 600	SWING G 5 % 400 x 600	SWING G 10 % 400 x 600	SWING GR 100 400 x 100	SWING GR 400 x 600	TITAN GR 600 x 800
Item no.	100846	100066	100064	100069	100063	100070	100072	100081
Measurements*	100 x 100	400 x 600	300 x 600	400 x 600	400 x 600	400 x 100	400 x 600	600 x 800
Opening width	–	–	10 mm	10 mm	10 mm	–	–	–
% of openings	0 %	0.7 %	3 %	5 %	10 %	0.7 %	0 %	0 %
Animal weight	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg

*Dimensions in width x length

Concrete inlets

Using the support strips, the MIK concrete inlets can be **individually integrated into the plastic flooring system** and used, for example, as a **cooling or hoof-care island solution**.



BT 40 S 400 x 600



BT 40 G 400 x 600



BT 50 S 500 x 600



BT 60 P 600 x 600



BT 60 S 600 x 600



BT 60 G 600 x 600

	BT 40 S 400 x 600	BT 40 G 400 x 600	BT 50 S 500 x 600	BT 60 G 600 x 600	BT 60 P 600 x 600	BT 60 S 600 x 600
Item no.	102345	101662	101675	101658	101659	101664
Measurements*	373 x 600	373 x 600	473 x 600	573 x 600	573 x 600	573 x 600
Height in mm	40	40	50	50	50	50
Opening width	10 mm	–	10 mm	–	13 mm	10 mm
% of openings	3 %	0 %	5 %	0 %	7 %	5 %

*Dimensions in width x length



Support strips for inlets

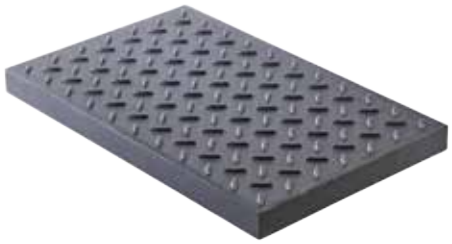
Support strips are available in two different heights. Matching wire bows are available in different lengths.

	Support strip 40 mm	Support strip 50 mm	Wire bow 400	Wire bow 500	Wire bow 600	Wire bow 1200
Item no.	100185	100187	101555	101554	101553	101556
Length	200 mm	200 mm	355 mm	455 mm	555 mm	1155 mm

MIK rubber inlets

Increased lying comfort for the sow

The MIK rubber inlet complements the proven MIK flooring system with an elastic comfort lying area for farrowing pens. Slip-resistant, comfortable and perfectly integrated into the MIK flooring system.



Rubber inlets 400 x 600

Product benefits

- maximum lying comfort for the sow
- structured, elastic and slip-resistant surface
- specially designed for comfort lying areas in farrowing pens
- easy integration into the MIK flooring system
- to be used with support strip 40 mm

	Rubber inlet 400 x 600	Rubber inlet 600 x 400
Item no.	102589	102653
Measurements*	373 x 600	573 x 400
Height in mm	40	40

*Dimensions in width x length

MIK Prairie panel

Stable. Sure-footed. Durable.

The MIK Prairie plastic panel is a robust and functional panel for group housing in the dry sow area as well as for calf housing. Its stable construction and surface structure ensures secure footing and supports the well-being of the animals.
The optimized slot geometry allows effective passage of manure and liquids and thus contributes to a hygienic environment.



Prairie panel 400 x 400

	Prairie panel 400 x 400
Item no.	100124
Measurements*	400 x 400
Opening width	20 mm
% of openings	29 %
Animal weight	400 kg

*Dimensions in width x length

Product benefits

- suitable for heavy animals up to 400 kg
- structured surface for optimal grip and slip resistance
- optimized slot geometry for a clean and dry flooring area

CAST
Cast panel systems

The **CAST panels matching the MIK flooring system** feature the same **long-proven surface with the familiar foot holds** and give the necessary grip even to **problem sows with fundamental weaknesses** when standing up and lying down.



Product benefits

- standing stability also for problem sows
- optimized surface geometry
- compatible with MIK panel systems
- post-installation in MIK flooring possible

CAST C 600 x 600 | **CAST C 600 x 200** | **Other sizes available on request.**



CAST C 400 x 600



CAST C 400 x 600 G



CAST C 600 x 600 G



CAST C 600 x 700 G

	CAST C 400 x 600	CAST C 400 x 600 G	CAST C 500 x 600	CAST C 500 x 600 G	CAST C 600 x 200	CAST C 600 x 600	CAST C 600 x 600 G	CAST C 600 x 700 G
Item no.	100839	100840	102433	102434	100841	100843	100844	100845
Measurements*	400 x 600	400 x 600	500 x 600	500 x 600	600 x 200	600 x 600	600 x 600	600 x 700
Opening width	10 mm	–	10 mm	–	10 mm	10 mm	–	–
% of openings	35 %	3 %	35 %	3 %	35 %	35 %	3 %	3 %
Animal weight	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg	350 kg

*Dimensions in width x length

MIK® INTERNATIONAL

THERMO Heating systems

Heating technology in XXL format

Product benefits

- highest energy efficiency
- homogeneous heat distribution over the entire surface
- available as warm water or electric version



THERMO W 400 x 600

The **warm water operated THERMO W 400 x 600** allows a flexible arrangement of panels, is very suitable for the **cost-conscious remodeling of existing installations** and has **proven itself as an excellent heating system for piglet rearing.**

Product benefits

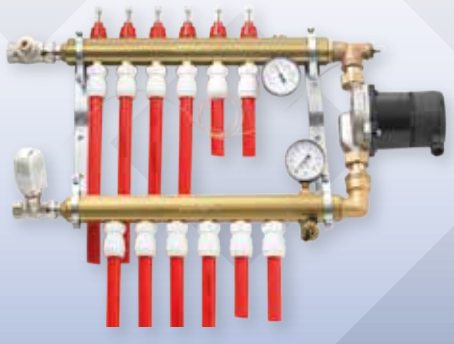
- slip-resistant surface with recesses
- flexible arrangement of heating nests
- proven technology for more than 30 years
- compact heating panel



THERMO W 400 x 600

	THERMO W 400 x 600	THERMO W 400 x 600 universal
Item no.	100155	100156
Measurements*	400 x 600	400 x 600
Average power consumption**	60 Watt	60 Watt

Use of a heat exchanger required
*Dimensions in width x length
**Average values during operation;



DoJet control unit with 2 – 6 circuits



WTP 30 E plate heat exchanger with expansion vessel

THERMO W XXL

Thanks to their extra-large size, the **THERMO W XXL only need a few connection accessories.** They combine **high energy efficiency with an absolutely homogeneous heat distribution.**

Product benefits

- air-free filling for ideal heat distribution
- proven anti-slip surface for safe movement
- slightly concave surface for good drainage
- high lying comfort
- operation without separate heat exchanger
- fast heating and slow cooling behavior
- optimal hygiene due to completely closed panel
- surrounding drip edge



THERMO W XXL

	THERMO W 400 x 1200	THERMO W 500 x 1200	THERMO W 600 x 1200	THERMO W 500 x 1600
Item no.	100154	100157	100158	101779
Measurements*	400 x 1200	500 x 1200	600 x 1200	500 x 1600
Average power consumption**	55 Watt	63 Watt	73 Watt	105 Watt

*Dimensions in width x length

**Average values during operation

THERMO E 400 x 600

The electrically operated THERMO E 400 x 600 allows a **flexible arrangement of panels,** is very suitable for the **cost-conscious remodeling of existing installations** and has **proven itself as an excellent** heating system for piglet rearing.

Product benefits

- anti-slip knobbed surface
- flexible arrangement of heating nests
- cost-efficient solution for small farms
- compact heating panel



THERMO E 400 x 600

	THERMO E 400 x 600	THERMO E 400 x 600 universal	DTC-1 controller	DTC-2 controller	Insta contactor relay
Item no.	102533: with NTC sensor 100853: without sensor	102557: with NTC sensor 101685: without sensor	102494	102528	100945
Measurements*	400 x 600	400 x 600			
Specifications	55 Watt**	55 Watt**	1 sensor input NTC sensor	2 sensor inputs NTC sensor	max. 25 A

*Dimensions in width x length **Average values during operation

Accessories



DTC-1 controller



DTC-2 controller



Insta contactor relay



Protective housing

THERMO E XXL

The **electrically heated** THERMO E offers the advantages of the THERMO W even **where no warm water heating system is available or desired.**

Product benefits

- uniform heat distribution for unique lying comfort
- proven anti-slip surface for safe movement
- slightly concave surface for good drainage
- fast heating and slow cooling behavior
- high lying comfort
- optimal hygiene with a completely closed panel
- replaceable heating cable



THERMO E XXL

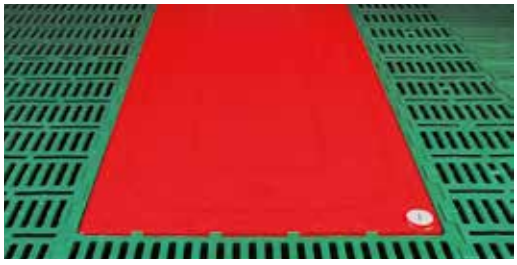
	THERMO E 400 x 1200	THERMO E 500 x 1200	THERMO E 600 x 1200	THERMO E 500 x 1600
Item no.	102530: with NTC sensor 100147: without sensor	102531: with NTC sensor 100150: without sensor	102532: with NTC sensor 100152: without sensor	102536: with NTC sensor 102315: without sensor
Measurements*	400 x 1200	500 x 1200	600 x 1200	500 x 1600
Average power consumption**	63 Watt	73 Watt	105 Watt	198 Watt

*Dimensions in width x length

**Average values during operation

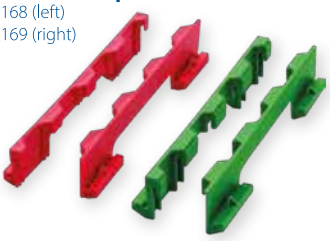
THERMO W XXL heat image





Universal hook strips

Item no.: 100168 (left)
Item no.: 100169 (right)



MIK hook strips

Item no.: 100166 (left)
Item no.: 100167 (right)

MIK® INTERNATIONAL

Nursery & finishing panel systems

Discover the concept for successful piglet rearing

Product benefits

- slip-resistant surface
- optimal self-cleaning
- compatible with all MIK heating systems and concrete



CHESS

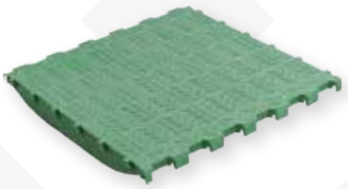
The worldwide **unique slot and bar arrangement** in a chessboard pattern **ensures optimal slip resistance** in every direction of movement.



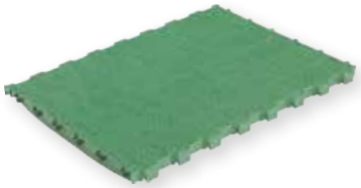
CHESS 600 x 600



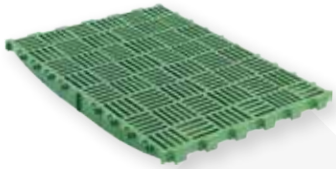
CHESS G 10 % 600 x 600



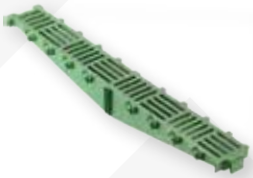
CHESS GR 600 x 600



TITAN GR 600 x 800



CHESS 800 x 600



CHESS 800 x 100

	CHESS 600 x 600	CHESS G 10 % 600 x 600	CHESS GR 600 x 600	TITAN GR 600 x 800	CHESS 800 x 600	CHESS 800 x 100
Item no.	100001	100011	100013	100081	100008	100006
Measurements*	600 x 600	600 x 600	600 x 600	600 x 800	800 x 600	800 x 100
Opening width	10 mm	10 mm	–	–	10 mm	10 mm
% of openings	39 %	10 %	0 %	0 %	39 %	39 %
Animal weight	90 kg	90 kg	90 kg	350 kg	60 kg	60 kg

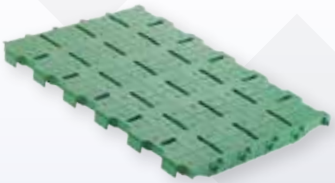
*Dimensions in width x length

RUBIN

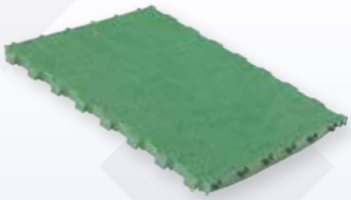
RUBIN panels are used from **farrowing to the end of pre-finishing**.



RUBIN 400 x 600



RUBIN G 10 % 400 x 600



RUBIN GR 400 x 600

	RUBIN 200 x 300	RUBIN 300 x 600	RUBIN 400 x 600	RUBIN 500 x 600	RUBIN G 10 % 400 x 600	RUBIN GR 200 x 300	RUBIN GR 400 x 600	RUBIN GR 500 x 600
Item no.	100024	100026	100029	100034/100032	100038	100039	100041	100043
Measurements*	200 x 300	300 x 600	400 x 600	500 x 600/100	400 x 600	200 x 300	400 x 600	500 x 600
Opening width	10 mm	10 mm	10 mm	10 mm	10 mm	–	–	–
% of openings	35 %	38 %	38 %	38 %	<10 %	0 %	0 %	0 %
Animal weight	110 kg	110 kg	110 kg	110 kg	110 kg	110 kg	110 kg	110 kg

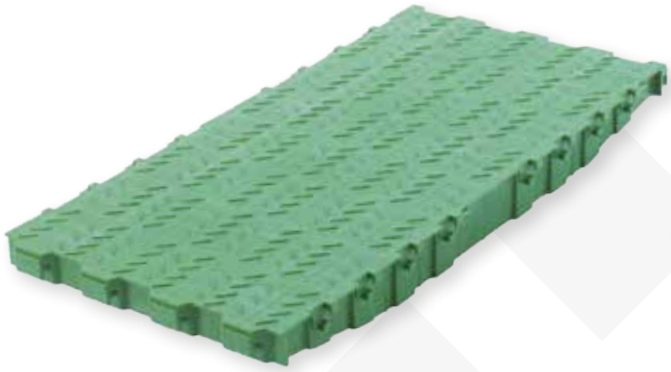
*Dimensions in width x length

TRAPPER, SMARAGD

Product benefits

The Trapper impresses with its high bearing capacity and first-class self-cleaning capability in pre-finishing and finishing.

- high bearing load and stability
- 14 mm opening width for optimal cleaning effect
- can be combined with concrete slats
- also suitable for wean-to-finish systems
- fewer support beams required



TRAPPER GR 800 x 400



TRAPPER XL 800 x 600



SMARAGD 800 x 400



SMARAGD G 3 % 800 x 400



SMARAGD G 10 % 800 x 400

	TRAPPER 800 x 400	TRAPPER XL 800 x 600	TRAPPER GR 800 x 400	SMARAGD 800 x 400	SMARAGD G 3 % 800 x 400	SMARAGD G 10 % 800 x 400
Item no.	100109	100119	100117	100089	100091	100094
Measurements*	800 x 400	800 x 600	800 x 400	800 x 400	800 x 400	800 x 400
Opening width	14 mm	14 mm	–	10 mm	10 mm	10 mm
% of openings	35 %	35 %	0 %	27 %	3 %	10 %
Animal weight	200 kg	200 kg	200 kg	200 kg	200 kg	200 kg

*Dimensions in width x length

MIK® INTERNATIONAL

Poultry farming

Increased comfort through rounded openings

Product benefits

- outstanding step safety
- durable, clean and hygienic
- increased walking comfort through rounded openings

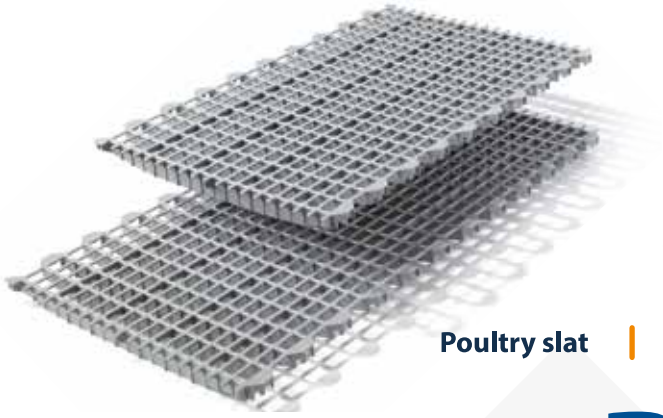


Poultry slat

The surface structure of the MIK poultry slat is characterized by a **self-cleaning effect** and provides the animals with **optimal footing grip.**

Product benefits

- good manure passage thanks to curved bars and a low proportion of closed surface area
- high bearing capacity and long service life
- simple and fast assembly
- easy cleaning
- improved walking comfort and reduced risk of injury thanks to rounded edges
- prevents mite infestation thanks to the open support beam design



Poultry slat

Broiler slat

The MIK broiler slat was designed to keep broilers **without using any litter**. Thanks to the surface design, it is a perfect **animal-friendly and clean solution.**



Broiler slat

Product benefits

- available with legs or for use with support beams
- legs available in three different heights
- ensures clean birds without breast injuries
- easy and fast assembly/disassembly



Broiler slat with legs (stackable)

	Poultry slat 1000	Poultry slat 1200	Broiler slat with legs	Broiler slat
Item no.	natural: 100127 gray: 100126	natural: 100130 gray: 100129	Height 200 mm: 101606 Height 250 mm: 101607 Height 300 mm: 101608	101615
Measurements*	580 x 1000	580 x 1200	914 x 609	1219 x 609
Opening size	42 x 22	42 x 22	18.7 x 20	19.6 x 20.6
% of openings	48 %	48 %	61 %	59.5 %

*Dimensions in width x length

MIK® INTERNATIONAL

Sheep & Goat farming

Ideal grip with knobbed surface

Product benefits

- knobbed surface especially for sheep and goats
- outstanding slip resistance
- extremely stable, clean and hygienic



STEPPER

The STEPPER was specially developed for sheep and goat farming and provides **optimal slip resistance and secure footing** thanks to its structured surface. With a span of 800 mm requiring fewer support beams, the STEPPER impresses with its **high stability and load-bearing capacity.**

Product benefits

- unique slip resistance and safe grip thanks to knobbed surface
- excellent self-cleaning and hygiene due to 14 mm opening width
- stability, resilience and extremely long service life
- safe movement and lying comfort
- dry and temperature-neutral for healthier animals
- reduced bedding and storage costs as well as labor requirements
- also suitable for lambs





The STEPPER was designed for small claws and offers the best grip to the knobbed surface.

STEPPER XL 800 x 600

	TRAPPER 800 x 400	TRAPPER XL 800 x 600	STEPPER 800 x 400	STEPPER XL 800 x 600	STEPPER eco 800 x 600
Item no.	100109	100119	100097	100105	100104
Measurements*	800 x 400	800 x 600	800 x 400	800 x 600	800 x 600
Opening width	14 mm	14 mm	14 mm	14 mm	14 mm
% of openings	35 %	35 %	35 %	35 %	35 %
Animal weight	200 kg	200 kg	200 kg	200 kg	120 kg

*Dimensions in width x length

MIK® INTERNATIONAL

Milking parlour flooring & housing

Plastic for humans and calves – the safe alternative

Product benefits

- outstanding stability
- particularly hygienic
- easy cleaning



STEPPER, TRAPPER & SMARAGD

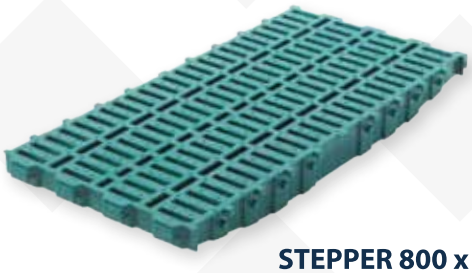
The temperature-neutral TRAPPER and STEPPER panels offer the milker a safe and ergonomic workplace in addition to easy handling and cleaning. Thanks to their closed-pore surface and high percentage of opening, they are particularly hygienic and therefore the ideal product for your individual calf pen.



TRAPPER 800 x 400

Product benefits

- stable and longer lasting than timber
- reduced labor requirements thanks to time-saving cleaning and effective drainage
- particularly hygienic thanks to the closed-pore surface and high percentage of openings
- easy to use and to install



STEPPER 800 x 400

Product benefits

- reduced operating costs by saving on bedding and storage
- underfloor ventilation with warm air possible
- excellent slip resistance and stability
- slightly elastic, gentle on back and joints



SMARAGD 800 x 400



SMARAGD G 3 % 800 x 400



SMARAGD G 10 % 800 x 400



Prairie panel 400 x 400

	TRAPPER 800 x 400	STEPPER 800 x 400	SMARAGD 800 x 400	SMARAGD G 3 % 800 x 400	SMARAGD G 10 % 800 x 400	PRAIRIE 400 x 400
Item no.	green: 100109 blue: 100113 opal green: 100114	green: 100097 blue: 100099 opal green: 100101 gray: 100100	100089	100091	100094	100124
Measurements*	800 x 400	800 x 400	800 x 400	800 x 400	800 x 400	400 x 400
Opening width	14 mm	14 mm	10 mm	10 mm	10 mm	20 mm
% of openings	35 %	35 %	27 %	3 %	10 %	29 %
Animal weight	200 kg	200 kg	200 kg	200 kg	200 kg	400 kg

*Dimensions in width x length

Further information on the Prairie panel on page 8

MIK® INTERNATIONAL

DUO support beam system

The stable and long-lasting support system made of GRP

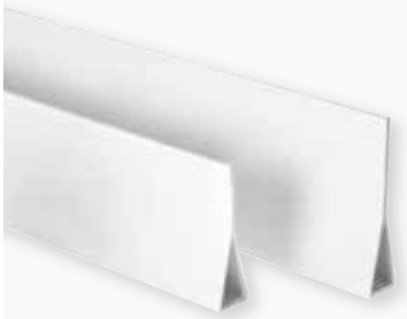
Product benefits

- high stability due to delta profile
- non-corroding, resistant to acids and alkalis
- easy and quick installation



Support beam system

The DUO support beam system is the **basis for the entire panel system.**
The beams made of glass fiber reinforced plastic (GRP) provide a stable and durable substructure.



DUO



DUO Protect



DUO Protect large foot



DUO end cap

Product benefits

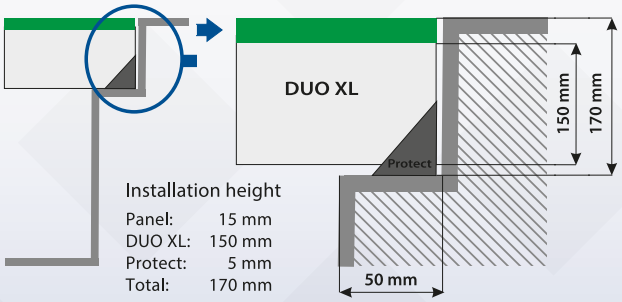
- high bearing load and stability due to delta-profile
- special DUO edge profile for additional interlocking with panel
- acid and leach resistant
- support leg system for wider spanning
- first class self cleaning
- no corrosion



Support legs



DUO connector



Further accessories from page 37

Other beam types on request.

	DUO L	DUO XL	DUO Protect	DUO Protect l. f.	End cap	Support head	Support steel head	Support leg	DUO connector	Support PVC	Support GRP
Item no.	–	–	100175	101582	100973	100176	100172	100171	100920	100975	100976
Measurements*	120 x 29	150 x 29								Ø50 x 2000	Ø50 x 2000
Total installation height**	140	170								<500 mm	>500 mm

*Dimensions in width x length **Dimensions with panel and DUO Protect

MIK® INTERNATIONAL

Penning systems

The user-friendly penning system

Product benefits

- single-handed operation
- high stability
- easy and quick installation



Penning systems

Thanks to the **large number of profiles, different heights** and **various individual parts**, the MIK penning system is highly **flexible** and can be **individually adapted** to all pen and room sizes.

Product benefits

- **Wide range of products for customized penning designs**
- **No drafts around the door thanks to specially designed profiles**
- **Large selection of PVC profiles and accessories for flexible piglet nest covers**



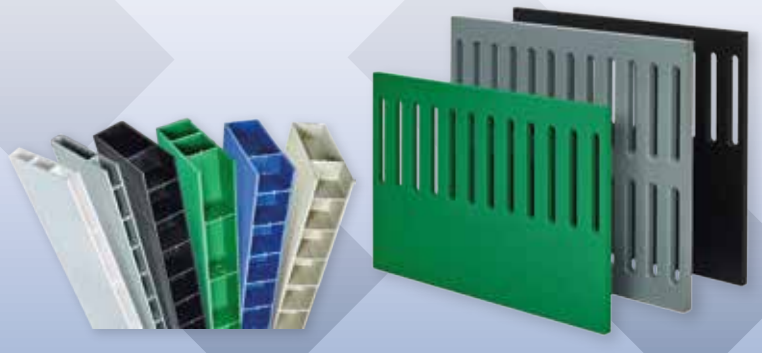
MIK PP panels by Paneltim®

With its PP panels, MIK offers a wide range of different plastic panels in various material thicknesses and structures. Thanks to this broad range, there is a specific solution for every application, whether pen partition, dividing wall, door or wall cladding.

MIK PP panels are versatile, easy to process and can optionally be filled with insulation. The smooth, water- and dirt-repellent surfaces can be cleaned quickly and easily. Thanks to their special hollow-chamber structure, the panels are particularly impact-resistant and durable.

Product benefits

- **stable construction for versatile applications**
- **Weldable, thanks to the use of high-quality polypropylene (PP)**
- **Hygienic and easy to clean thanks to closed-pore plastic surface**



PVC dividing boards

Hygienic and stable dividing boards
MIK PVC dividing boards are available in various sizes and colors.
The boards are optionally available with tongue and groove or with smooth sides.



Product benefits

- optimal hygiene due to smooth surfaces
- resistant to disinfectants, acids and alkalis
- easy cleaning
- high stability due to high-quality material and thick walls
- easy installation

Options

- Project-based production accurate to the centimeter possible
- Standard colors gray and white, special colors on request
- L-, U- and H-profiles available

	250 x 35	500 x 35	600 x 35	750 x 35*	850 x 35*	1000 x 35*	500 x 50	Oval profile
Height in mm	250	500	600	750	850	1000	500	70
Width in mm	35	35	35	35	35	35	50	35
Version	tongue & groove	tongue & groove smooth all round	smooth all round	smooth all round	smooth all round	smooth all round	tongue & groove	smooth all round

*alternatively available with thicker walls

MIK® INTERNATIONAL

BISTRO feeders

The BISTRO for your pigs

Product benefits

- easy feed adjustment
- quick cleaning
- stable construction for reliable functionality



BISTRO W variations

BISTRO W 100

BISTRO W 90



- high, tapered cover for optimal feed hygiene and large openings for feed intake
- large, translucent plastic hopper for easy feed level monitoring
- efficient feed dosing through infinitely variable adjustment
- stirring rod with stainless steel fingers for continuous feed supply
- long service life thanks to a robust stainless steel frame construction
- multi-oval hopper design to prevent feed bridging
- long stainless steel water pipes, optionally available with circulating pipe
- robust bite protection for plastic hopper
- two nipple drinkers as standard
- high-quality stainless steel trough with drainage hole and high trough edge
- L-profile for direct installation in the pen partition
- solid base angles for a secure stand

Product benefits

- stainless steel trough
- incl. two drinkers
- optionally available with circulating pipe
- for up to 40 animals per feeder
- stainless steel bite protection
- cover for automatic and manual filling
- infinitely adjustable
- large, stable ground anchors
- suitable for meal and pellets

The BISTRO W 90 hopper is made of 100 % stainless steel and is suitable for CCM feeding!

	BISTRO W 90	BISTRO W 100
Item no.	101622	101619
Volume	90 L	100 L
Application	finishing and piglets	finishing and piglets
Hopper material	stainless steel	plastic

BISTROMat

Product benefits

- stainless steel trough available with one or two drinking bowls
- optimized trough design for less feed wastage
- dosing above the trough
  - safely avoids blockage due to wet feed
  - guarantees optimal feed hygiene
- integrated mixer to avoid feed bridging
- easy dosing adjustment
- for up to 35 animals per feeder
- allows flexible installation



BISTROMat

	stainless steel base anchor	U-profile	square post	connecting post
Item no.	101564	101565	101566	101567
Application	floor mounting	partition installation	free-standing installation	connection of two feeders



	BISTROMat B1	BISTROMat B2
Item no.	101505	101506
Volume	60 L	60 L
Application	piglets	piglets & finishing
Drinking bowls	1	2

BISTRO
Drop feeders

MIK drop feeders impress with **easy and exact feed quantity adjustment.**

Product benefits

- easy and accurate adjustment possible
- robust stainless steel slide for feed quantity adjustment
- large, reinforced front opening for easy addition of medication and feed supplements
- easy handling and cleaning
- reinforced bayonet lock
- emptying mechanism via closing ball system



VDmin



VD 9



VD 6

	VDmin*		VD 9*		VD 6*	
	straight outlet	eccentric outlet	straight outlet	eccentric outlet	straight outlet	eccentric outlet
Item no.	101569	101570	101689	101680	101702	101697
Height in mm	610	610	395	395	565	565
Outlet in mm	75	75	75	75	75	75
Volume in L	0.3 – 10.5	0.3 – 10.5	9	9	6	6

*All versions available with double inlet

BISTRO VD-ED
Electric drop feeder

Precise, demand-oriented feed dosing
The electric drop feeder **BISTRO VD-ED** from MIK enables a controlled feed supply in various areas of pig farming.

Through an **electrically controlled dosing unit,** the dry feed (pellets or meal) is dispensed directly into the trough in small, predefined portions. Feed is dispensed via a **sensor** or a **computer control,** and the dosing quantity and feeding intervals can be set individually.

Product benefits

- High dosing accuracy of the total daily quantity thanks to rotating drum
- Individually adjustable dosing quantities in the farrowing area
- Automatic feed dispensing at set times in piglet rearing
- Distribution of the daily ration over several feeding intervals
- Calmer sows in the farrowing house
- Less feed wastage while reducing consumption by 10 %
- Supports high feed intake during the suckling period
- Possibility to identify from day one which sows are not eating
- For use in sow farming and piglet rearing

MIK – efficient feeding technology for the modern pig house.





	Electric dosing unit	VD 6-ED*	VD 9-ED*
Item no.	102608	102630	102629
Height in mm	610	565	395
Outlet in mm	75	–	–
Volume in L	0.3 – 10.5	6	9

*All versions available with double inlet, connectable with the electric dosing unit

Drop feeder accessories



Drop feeder with flat slide
Item no.: 102130



Splash cover
Item no.: 100206



Double inlet for VD 6 & 9
For filling two types of feed
Item no.: 102398



Pipe adapter Ø 60 to Ø 45, 48, 50 mm
Item no.: 101167



Pipe adapter Ø 60 to Ø 75 – 90 mm
Item no.: 101166



Eccentric outlet
Item no.: 101162



90° adapter for inlet
Item no.: 101163



Double pipe clamp
Item no.: 101576: Ø 48 mm / Ø 20 mm
Item no.: 101578: Ø 48 mm / Ø 25.4 mm
Item no.: 101255: Ø 60 mm / Ø 32 mm
Item no.: 101256: Ø 60 mm / Ø 25 mm
Item no.: 101460: Ø 80 mm / Ø 32 mm

BISTRO STARTER



Feeding pan

BISTRO Starter – animal-friendly, robust and versatile:
A feeding pan offering proven **MIK quality.**

	BISTRO Starter with divider
Item no.	100200
Measurements	Ø 295 mm
Edge height	61 mm
Volume in L	3.5
Feeding places	6 pieces

Product benefits

- made from high-quality plastic
- 3.5 liter capacity
- large diameter of 295 mm
- robust divider for 6 feeding places
- suitable for dry feed, milk and water
- prevents feed wastage and contamination thanks to secure mounting and a high trough edge
- long-lasting, stable stainless steel spring

BISTRO CORNER

Product benefits

- torsion-resistant corner
- fully framed groove guide for optional rubber seal
- completely watertight casing
- pipe connection with integrated stop prevents conveyor pipes from being pushed in
- self-cleaning mechanism thanks to special spoke geometry
- disc retainer prevents the wheel from stopping
- high-quality cast iron wheel

A **durable, reinforced** and **watertight solution** for **conveyor chain systems.**



Corner

	Corner 90°	Seal set for corner	Reinforcement ring
Item no.	101126	102674	101458
Pipe diameter*	Ø 60	–	–

*in mm

MIK® INTERNATIONAL

Conveyor chains

MIK conveyor chains impress with their **high strength and extreme load-bearing capacity.**

Product benefits

MADE in Germany

- extremely robust
- highest pull-off values of the chain tabs
- manganese steel chain with high strength and surface hardness
- use of premium materials from the automotive industry
- high flexibility thanks to a wide range of sizes



Conveyor chain Ø 29 mm
Item no.: 101135
for 38mm pipe

Conveyor chain Ø 35 mm
Item no.: 101137
for 45mm pipe

Conveyor chain Ø 40 mm
Item no.: 101134
for 50mm pipe



Conveyor chain MONRO Ø 43 mm
Item no.: 101130
for 60mm pipe

Conveyor chain standard Ø 44 mm
Item no.: 101136
for 60mm pipe

Conveyor chain Bead and notch Ø 44 mm
Item no.: 100218
for 60mm pipe

Conveyor chain Ø 48 mm
Item no.: 101132
for 60mm pipe

Conveyor chain Ø 60 mm
Item no.: 101022
for 80mm pipe

Conveyor chain Ø 78 mm
Item no.: 101038
for 100mm pipe

	Ø 29 mm	Ø 35 mm	Ø 40 mm	Ø 43 mm	Ø 44 mm	Ø 44 mm	Ø 48 mm	Ø 60 mm	Ø 78 mm
Item no.	101135	101137	101134	101130	101136	100218	101132	101022	101038
Disc pitch*	50.4	51	50.4	71.5	71.5	71.5	71.5	88	88
Material	PA GF	PA	PA GF	PA GF	PA GF	PA GF	PA	PA GF	PA GF

*in mm

More feeding components in a separate catalog

MIK® INTERNATIONAL

Accessories

Final steps to a perfect barn

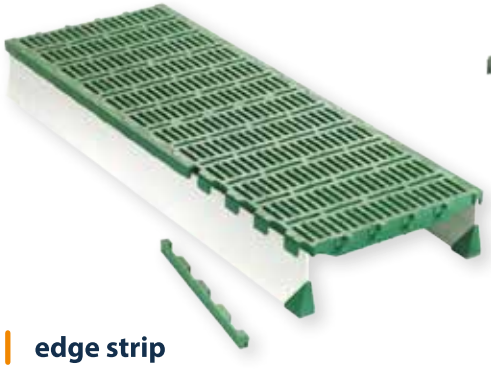
Product benefits

- easy installation
- intelligent solutions
- enrichment for pigs



Strips

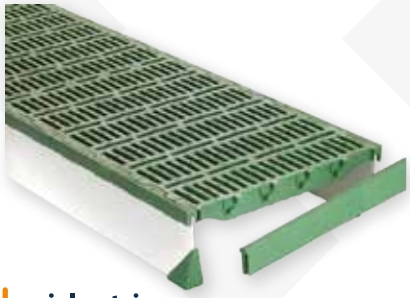
The edge strips provide a **precise wall finish** and allow a **clean expansion joint** as well as a **smooth transition to concrete areas.**



edge strip



end strip

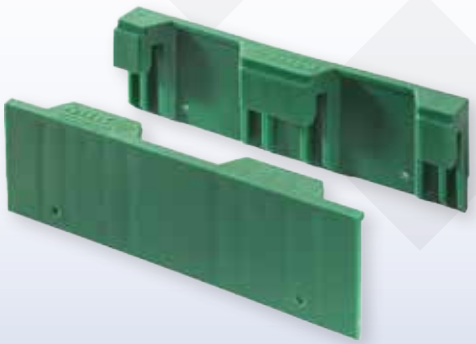


aisle strip

	edge strip	end strip 600 L	end strip 600 R	end strip 800 L	end strip 800 R	aisle strip L	aisle strip R
Item no.	100179	100883	100884	100879	100880	100182	100183
Measurements	400	600 x 50	600 x 50	800 x 50	800 x 50	400	400

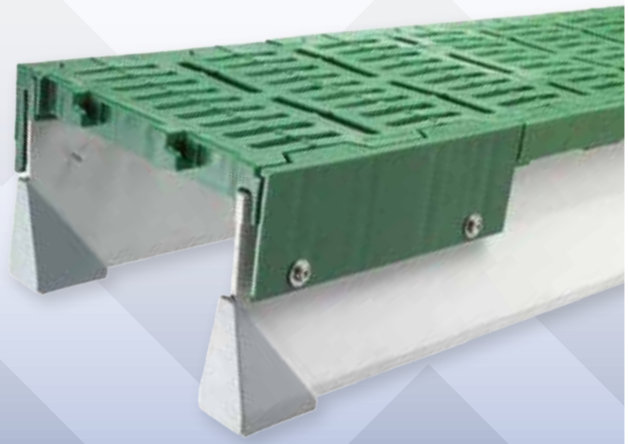
LOS support strips

With the "MIK LOS lift-out system", the **advantages of MIK plastic flooring** can now be combined with a **mobile floor system**. The LOS system creates **easy-to-handle units of panels and support beams**.



LOS pair of strips

	LOS pair of strips	LOS Screw set
Item no.	100188	101777
Measurements in mm	200	4.8 x 25



LOS support strip

Installation material

The small **installation aids** from MIK ensure **simple mounting** of penning systems and feeders on MIK flooring and concrete slats.



STS



CRD



SW



BC

Installation tool



Slat anchor

	STS	CRD	SW	BC	Slat anchor M8	Slat anchor with lock nut	Slat anchor with lock nut
Item no.	101511	101510	101513	101512	100968	102576	101579
Application	STEPPER, TRAPPER, SMARAGD	CHESS, RUBIN	SWING	concrete slats Width: 32 mm	universal	concrete slats Width: 43 mm	concrete slats Width: 43 mm
Material	stainless steel	stainless steel	stainless steel	stainless steel	plastic	stainless steel	stainless steel
Thread	M8	M8	M8	M8	M8	M8	M10

Product benefits

- no corrosion, as 100 % stainless steel
- ideal force distribution on panels or support beams
- the right fixing for every panel type
- suitable screw lengths and slat anchors for different panel types and support beams



Screws

	Screws Set 8 x 50	M 8 x 65*	M 8 x 90*	M 8 x 120*	M 10 x 90*
Item no.	100852	100964	100970	100971	102334

*Torx with security painting

Installation material



DUO wall clamp



DUO wall clamp corner



Wall clamp flat steel



Large pedestal for flat steel



DUO pedestal

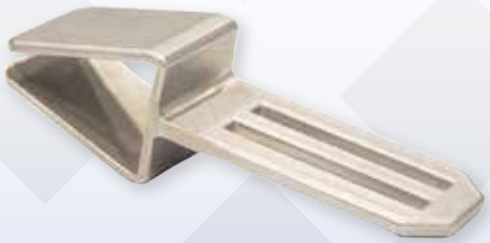


Pedestal for flat steel

	DUO wall clamp	DUO wall clamp corner	Wall clamp flat steel	Pedestal flat steel, large	DUO pedestal	Pedestal for flat steel
Item no.	100916	100917	100918	100974	100174	100170



J-Hook



DUO TRACK

	J-Hook M8 thread	DUO TRACK
Item no.	101507	100919
Application	DUO and steel support beams	DUO support beams

GULLY

MIK gullies allow **quick and uncomplicated cleaning** of the barn.



Gully Flap

Gully concrete inlet with support strip

	Gully Flap	Gully concrete inlet 400 x 200	Gully concrete inlet 500 x 200	Gully concrete inlet 600 x 200
Item no.	101519	101661	101666	101668
Measurements*	98 x 347	373 x 200	473 x 200	573 x 200
Opening size	10 x 85 mm	10 x 230 mm	10 x 327 mm	10 x 427 mm

*Dimensions in width x length



Gully Flap tribar for support strip 50mm

	Gully Flap tribar 400 x 200	Gully Flap tribar 500 x 200	Gully Flap tribar 600 x 200
Item no.	101525	101524	102081
Measurements*	373 x 200	473 x 200	573 x 200
Opening in mm	10	10	10
Material	stainless steel	stainless steel	stainless steel

*Dimensions in width x length

Grüne Rinne

The "Grüne Rinne" drain pipe offers the user a **flexible and easy-to-install drainage system** for barn floors, dung heaps, flat silos and composting facilities. The pipe can be equipped with four different types of spouts.



Pipe Ø 125 mm



Pipe Ø 160 mm

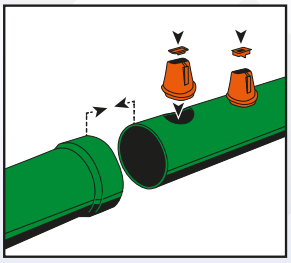
Drainage solution Grüne Rinne

- The main feature of the orange spout is a special funnel which does not clog up as quickly when using slurry scrapers. Optionally it can also be closed or fully opened (opening size 18 x 31 mm).
- The yellow spouts with a round opening (15 mm diameter) are particularly suitable for conventional drainage. They remain closed during concreting and are opened afterwards.
- Thanks to the greater concrete cover, the blue spouts (15 mm diameter) are suitable for higher surface loads.
- Thanks to the greater concrete cover, the red spouts (15 mm diameter) are suitable for higher surface loads and are only available for pipes with a diameter of 160 mm.

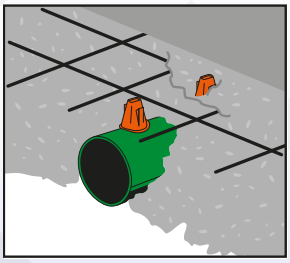
Product benefits

- high-quality design
- high drainage efficiency thanks to 13 openings per 2 m
- versatile usage
- easy installation

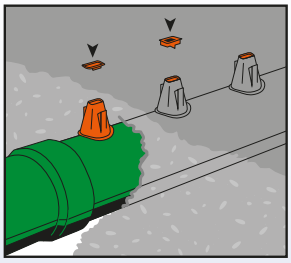




Insert spouts and close with flap lid.



Align top of spouts with finished concrete level.



Push in flap lids to "open" spouts.

	Pipe Ø 125 mm	orange spout	yellow spout	blue spout	Pipe Ø 160 mm	red spout
Item no.	101479	101478	101477	101476	100851	100194
Spout height*		51	46	71		71
Pipe diameter*	Ø 125	for Ø 125	for Ø 125	for Ø 125	Ø 160	for Ø 160

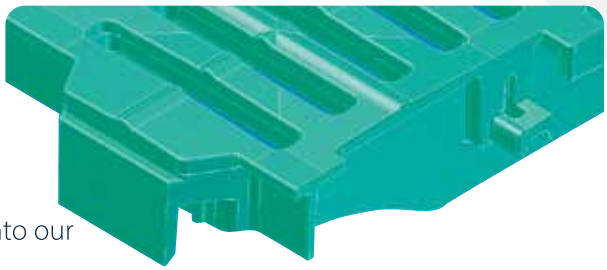
*in mm

MIK® INTERNATIONAL

- the benchmark for pioneer performance

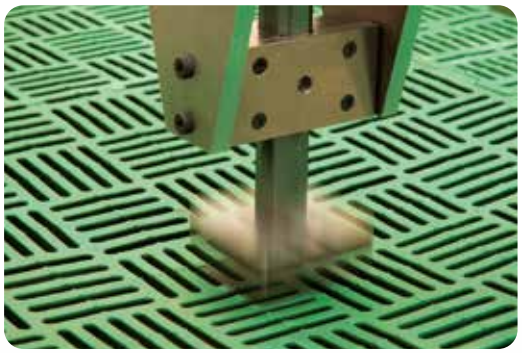
Consistently questioning existing standards and **actively involving** our **customers** in this process is surely one of the traditional strengths of MIK. Thanks to these "virtues" and the **close cooperation** with **renowned technology partners** we succeed in **setting standards worldwide in the new and further development** of plastic-based flooring systems.

New ideas and approaches, the basis of every innovation, turn into pictures and shapes. In our development department, they are first visualized using state-of-the-art CAD technology …





...which later flows directly into our high-tech injection molding production!



The core elements of our production include extreme load simulations as well as...



...conscientious quality testing.

The pillars:

- close customer service
- trouble-free assembly
- cost-efficient operation
- extreme durability
- outstanding product life span
- high animal friendliness



MIK INTERNATIONAL GmbH & Co. KG
Masselbachstraße 22
56235 Ransbach-Baumbach | Germany
+49 2922 885-600
info@mik-online.de
www.mik-online.de

VVM TechTrade GmbH
Vechtaer Marsch 9
49377 Vechta | Germany
+49 2922 885-840
info@vvm-techtrade.de
www.vvm-techtrade.de

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