“Why did I install flooring from MIK?”

“Because my pigs will still be able to walk on it safely in 20 years time!”

Werner Ostkotte – Farmer, 550 Sows

“MIK at a glance”

General Overview

<table>
<thead>
<tr>
<th>Themen</th>
<th>Inhalt</th>
<th>Seite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farrowing</td>
<td>Farrowing panel systems</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>SWING system</td>
<td>5 – 6</td>
</tr>
<tr>
<td></td>
<td>OPAL system</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>OPAL system</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>THERMO heating systems</td>
<td>9 – 13</td>
</tr>
<tr>
<td>Nursery</td>
<td>Piglet panel systems</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>CHESS</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>RUBIN</td>
<td>16</td>
</tr>
<tr>
<td>Finishing</td>
<td>Finishing panel systems</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>TRAPPER &amp; SMARAGD</td>
<td>18</td>
</tr>
<tr>
<td>Calves and milking parlour</td>
<td>Calf panels &amp; milking parlour flooring</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>PRARIE &amp; TRAPPER</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>TRAPPER &amp; STEPPER</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Calf box</td>
<td>22</td>
</tr>
<tr>
<td>Sheep and goat farming</td>
<td>Sheep &amp; goat panel system</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>STEPPER &amp; TRAPPER</td>
<td>24</td>
</tr>
<tr>
<td>Poultry Slat</td>
<td>Poultry panel system</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Poultry slat</td>
<td>26</td>
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<td></td>
<td>Broile slat</td>
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</tr>
<tr>
<td>DUO support beam system</td>
<td></td>
<td>28 – 29</td>
</tr>
<tr>
<td>Penning systems</td>
<td>Farrowing, Nursery, Finishing</td>
<td>30 – 31</td>
</tr>
<tr>
<td>Dividing boards</td>
<td></td>
<td>32 – 33</td>
</tr>
<tr>
<td>BISTRO feeders</td>
<td>Bistro feeders, drop feeder, corner, feeding pan</td>
<td>34 – 39</td>
</tr>
<tr>
<td>Accessories</td>
<td>Edge strips, support strips, installation material, slurry system, Rolls &amp; TOY, Grüne Rinne</td>
<td>40 – 44</td>
</tr>
<tr>
<td>Layout samples</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Innovation &amp; quality performance areas</td>
<td></td>
<td>46 – 47</td>
</tr>
</tbody>
</table>

“We have been using MIK flooring the past 20 years. Even after that period of time, the panels’ condition is still as good that we can reuse them in some of our new pens. It's obvious that you don't change the manufacturer after such an experience.”
Optimal step safety
with specially designed
surfaces

Product benefits
- Secure and hygienic
- Versatile and animal friendly
- Extremely strong and durable

The SWING system offers a wide variety of individual combinations with different sizes and surface types for farrowing. Intelligent hygienic solutions can be integrated additionally.

Technical data

<table>
<thead>
<tr>
<th></th>
<th>SWING 300 x 600</th>
<th>SWING 400 x 600</th>
<th>SWING 500 x 600</th>
<th>SWING TITAN 600 x 800</th>
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<tbody>
<tr>
<td>Item no.</td>
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<td>00145 / 00149</td>
<td>00135 / 00137</td>
<td>00111 / 00151</td>
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<td>500 x 600 / 500 x 100</td>
<td>600 x 800 / 600 x 100</td>
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<tr>
<td>Percentage of opening</td>
<td></td>
<td>29 %</td>
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<td></td>
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<tr>
<td>Animal weight</td>
<td></td>
<td></td>
<td>350 kg</td>
<td></td>
</tr>
</tbody>
</table>
Variations of the SWING sow panel system

The different SWING series panels allow the varying lying requirements for the sows’ shoulders, teats and rear legs to be accommodated ideally.

**Variations of the SWING sow panel system**

- **SWING Soft**
  - perfect step-safety

- **SWING Gully Block**
  - hygienic solution with scoop opening
  - 400 x 600 mm - Item no. 00153

- **SWING Gully Flap**
  - cleaning flap with double-sided opening
  - 400 x 600 mm - Item no. 00168

- **TITAN GR**
  - completely solid panel

- **SWING GR**
  - checker plate design for lying and walking areas with drainage holes

- **SWING G**
  - solid reclining area panel

- **SWING G 3%**
  - 300 x 600 mm

- **SWING G 5%**
  - low perforated panel for shoulder and teats

- **SWING G 10%**
  - low perforated panel for shoulder and teats

- **SWING GR**
  - checker plate design for lying and walking areas with drainage holes

- **TITAN GR**
  - completely solid panel

The OPAL system offers a centralised Step-up island for the sow with all the advantages of the SWING surfaces. The lower at the edge in the RUBIN design provides the piglets maximum grip when suckling.

**Opal farrowing panel system**

- **OPAL**
  - elevated reclining area for optimized suckling

- **Benefits**
  - better access to teats
  - also available in imperial sizes
  - elastic “super-grip” surfaces as step-up solution for sows with weak hips (OPAL Soft)
  - solid step-up area for high comfort with first class grip and drainage function (OPAL G)

- **Variations**
  - **OPAL Soft**
    - special coating for perfect step-safety
  - **OPAL G**
    - solid area for shoulder and teats

---

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Measurements mm</th>
<th>Opening width</th>
<th>Percentage of opening</th>
<th>Animal weight</th>
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<tbody>
<tr>
<td>SWING Soft</td>
<td>00145</td>
<td>see above</td>
<td>29 %</td>
<td>350 kg</td>
</tr>
<tr>
<td>SWING Gullyys</td>
<td>00146</td>
<td>400 x 600</td>
<td>10 mm</td>
<td>350 kg</td>
</tr>
<tr>
<td>SWING G</td>
<td>00142</td>
<td>400 x 600</td>
<td>10 mm</td>
<td>350 kg</td>
</tr>
<tr>
<td>SWING GR</td>
<td>00132</td>
<td>400 x 600</td>
<td>10 mm</td>
<td>350 kg</td>
</tr>
<tr>
<td>SWING G 3%</td>
<td>00133</td>
<td>400 x 600</td>
<td>10 mm</td>
<td>350 kg</td>
</tr>
<tr>
<td>SWING G 5%</td>
<td>00135</td>
<td>400 x 600</td>
<td>10 mm</td>
<td>350 kg</td>
</tr>
<tr>
<td>SWING G 10%</td>
<td>00150</td>
<td>400 x 600</td>
<td>10 mm</td>
<td>350 kg</td>
</tr>
<tr>
<td>TITAN GR</td>
<td>00359</td>
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<td>10 mm</td>
<td>350 kg</td>
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<table>
<thead>
<tr>
<th>Item no.</th>
<th>Measurements mm</th>
<th>Opening width</th>
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<th>Animal weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPAL</td>
<td>00160</td>
<td>800 x 300**</td>
<td>8 mm / 10 mm (Step-up)</td>
<td>350 kg</td>
</tr>
<tr>
<td>OPAL Soft</td>
<td>01160</td>
<td>8 mm / 10 mm (Step-up)</td>
<td>8 mm / Drainage 0,7% (Step-up)</td>
<td>350 kg</td>
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<tr>
<td>OPAL G</td>
<td>00126</td>
<td>8 mm / 10 mm (Step-up)</td>
<td>8 mm / Drainage 0,7% (Step-up)</td>
<td>350 kg</td>
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</table>

*Beam clearance 400 mm
CAST panel system

An extensive assortment of cast panels matching the MIK flooring system is available to complement the plastic panels. The CAST panels feature the same, long-proven surface with the familiar foot holds and give even sows with fundamental weaknesses the necessary grip when standing up and lying down.

CAST panel system

Benefits
- stable standing also for problem sows
- optimised surface geometry
- ideally combinable with the MIK panel systems
- post-installation in MIK flooring possible

CAST panel system

CAST C 400 x 600
the standard cast panel

CAST C 400 x 600 G
solid surface with drainage opening

CAST C 600 x 400
possible combination with SWING 600 x 800

CAST C 600 x 400 G
solid surface with drainage holes

Other sizes available on request.

Technical data

<table>
<thead>
<tr>
<th>Item no.</th>
<th>CAST C 400 x 600</th>
<th>CAST C 400 x 600 G</th>
<th>CAST C 600 x 400</th>
<th>CAST C 600 x 400 G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurements  mm</td>
<td>400 x 600</td>
<td>400 x 600</td>
<td>600 x 400</td>
<td>600 x 400</td>
</tr>
<tr>
<td>Opening width</td>
<td>10 mm</td>
<td>–</td>
<td>10 mm</td>
<td>–</td>
</tr>
<tr>
<td>Percentage of opening</td>
<td>35 %</td>
<td>3 %</td>
<td>35 %</td>
<td>3 %</td>
</tr>
<tr>
<td>Animal weight</td>
<td>350 kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

THERMO heating systems

Latest heating technique in king-size dimensions

Product benefits
- high energy efficiency
- homogeneous heat distribution
- warm water or electric panel

CAST panel system

CAST C 400 x 600
the standard cast panel
The warm water operated THERMO W 400 x 600 allows a flexible arrangement of panels, is very suitable for the cost conscious remodelling of existing installations and has greatly proved itself as a reliable heating in nursery systems.

**THERMO W 400 x 600**

the water classic

- **Technical data**
  - **THERMO W 400 x 600**
  - Item no.: 00152
  - Measurements mm: 400 x 600
  - Maximum power consumption: 90 Watt
  - Average power consumption: 65 Watt

- **Benefits**
  - Air free filling for ideal heat distribution
  - Reliable anti-slip surface for safe movement
  - Slightly concave surface for good drainage
  - Operation without separate heat exchanger
  - Fast warming – and slow cooling process
  - High resting comfort
  - Optimum hygiene with a completely closed panel
  - Revolving drip edge

- **Accessories**
  - Control system for THERMO W
  - Work out for yourself how much energy you can save on your farm with the MIK heating system.

---

**THERMO W XXL**

- **Benefits**
  - Slip resistant surface with recesses
  - Flexible arrangement of heating panels
  - Proven technology for more than 15 years
  - Compact heating panel

- **Technical data**
  - **THERMO W 400 x 1200**
    - Item no.: 03990
    - Measurements mm: 400 x 1200
    - Maximum power consumption: 160 Watt
    - Average power consumption: 126 Watt

  - **THERMO W 500 x 1200**
    - Item no.: 03984
    - Measurements mm: 500 x 1200
    - Maximum power consumption: 196 Watt
    - Average power consumption: 165 Watt

  - **THERMO W 600 x 1200**
    - Item no.: 03985
    - Measurements mm: 600 x 1200
    - Maximum power consumption: 228 Watt
    - Average power consumption: 192 Watt

  - **THERMO W 500 x 1600**
    - Item no.: 04970
    - Measurements mm: 500 x 1600
    - Maximum power consumption: 310 Watt
    - Average power consumption: 260 Watt

- **Accessories**
  - Control system:
    - DoJet control unit with 2 – 6 circuits
    - WTP 30 heat exchanger

- **Hook strip**:
  - Available for all MIK systems and for universal use (red set)

---

**Farrowing**

Work out for yourself how much energy you can save on your farm with the MIK heating system.

---

**Farrowing**

Thanks to its extra-large size, the THERMO W XXL only requires a few connection accessories, combining high energy efficiency with an absolutely homogeneous heat distribution.
The electrically operated THERMO E 400 x 600 allows a flexible arrangement of panels, is very suitable for the cost conscious remodelling of old installations and has greatly proved itself as a reliable heating in nursery systems.

**THERMO E 400 x 600**

The electro-classic

**Benefits**
- anti-slip knobbled surface
- flexible arrangement of thermal nests
- cost-efficient solution for small operations
- compact heating panel

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Measurements mm</th>
<th>Maximum* power consumption</th>
<th>Average power ** consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>with sensor: 00115</td>
<td>400 x 600</td>
<td>85 Watt</td>
<td>65 Watt</td>
</tr>
<tr>
<td>without sensor: 00114</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**Accessories: Control system for THERMO E**

- TR-A analogue control unit
- TR-D digital control unit
- Contactor
- Protective box for TR-A
- Protective box for TR-A and TR-D

**THERMO E XXL**

Energy-efficient heating system

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

**Benefits**
- uniform heat distribution for uniquely comfortable lying area
- approved anti-slip surface for high step-safety
- slightly concave surface for good drainage
- warms up quickly and releases heat slowly
- revolving drip edge
- high resting comfort
- optimum hygiene with a completely closed panel

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Measurements mm</th>
<th>Maximum* power consumption</th>
<th>Average power ** consumption</th>
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<tbody>
<tr>
<td>THERMO E 400 x 1200</td>
<td>400 x 1200</td>
<td>145 Watt</td>
<td>119 Watt</td>
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<tr>
<td>THERMO E 500 x 1200</td>
<td>500 x 1200</td>
<td>178 Watt</td>
<td>150 Watt</td>
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<td>THERMO E 600 x 1200</td>
<td>600 x 1200</td>
<td>208 Watt</td>
<td>175 Watt</td>
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</table>

**Accessories: Control system for THERMO E XXL**

- TR-A analogue control unit
- TR-D digital control unit
- Contactor
- Protective box for TR-A
- Protective box for TR-A and TR-D

**Farrowing**

- Hook strip: available for all MIK systems and for universal use

* At 18°C ambient temperature, for 40°C surface temperature
** Average values in running operation in the farrowing unit
Piglet panel systems

CHESS

The CHESS is the innovation regarding nursery panels. The worldwide unique slot base arrangement with its chess board pattern ensures an optimum step-safety in every direction of movement.

Product benefits

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

Nursery

Technical data

<table>
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<tr>
<th>Item no.</th>
<th>CHESS 600 x 600</th>
<th>CHESS 800 x 600</th>
<th>Diamant G</th>
<th>TRAPPER GR</th>
<th>TITAN GR</th>
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<td>00320</td>
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<td>00339</td>
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<td>-</td>
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<td>Percentage of opening</td>
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<td>Drainage ≤ 10%</td>
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<td>0%</td>
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<tr>
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<td>90 kg</td>
<td>60 kg</td>
<td>60 kg</td>
<td>200 kg</td>
<td>350 kg</td>
</tr>
</tbody>
</table>

Benefits

- chess board design surface for unique step safety
- first class self-cleaning
- up to 50% saving potential of the support beam system
- easy and fast installation

CHESS

innovative chess board design

DIAMANT G

slightly perforated surface for installation in lying and feeding areas

TRAPPER GR

completely solid panel e.g. for walkways

Discover the secret of successful piglet rearing
Benefits
- optimal self cleaning creates excellent hygienic conditions
- pleasant place to rest due to smoothly profiled surface
- easy combination with the MIK THERMO-System
- excellent grip for piglets while suckling due to longitudinal openings and small ridges

Variations
- RUBIN G: solid panel for lying area
- RUBIN GR: completely solid panel

Technical data

<table>
<thead>
<tr>
<th>Measurements mm</th>
<th>Rubin 200 x 300</th>
<th>Rubin 300 x 600</th>
<th>Rubin 400 x 600</th>
<th>Rubin 500 x 600</th>
<th>Rubin G 00103</th>
<th>Rubin G 00106</th>
<th>Rubin GR 00108</th>
<th>Gully 00129</th>
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<td>00108</td>
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<td>Opening width</td>
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<td>10 mm</td>
<td>10 mm</td>
<td>10 mm</td>
<td>10 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Percentage of opening</td>
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<td>38 %</td>
<td>38 %</td>
<td>38 %</td>
<td>Drainage &lt;10%</td>
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<tr>
<td>Animal weight</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Product benefits
- saving supporting beams
- extremely durable, and easy to clean
- the ideal combination with concrete slotted floors

Finishing panel systems
- The versatile heavy-duty panel

RUBIN

the all-rounder

RUBIN panels are used from farrowing to pre-finishing. They offer excellent movement security, first class comfort, as well as good hygienic conditions for healthy growth in the different development stages.
The TRAPPER distinguishes itself in pre-finishing and finishing because of its high bearing capacity and first class self-cleaning.

TRAPPER

- hygienic and excellent drainage function

Benefits
- high bearing load and stability
- 14 mm opening width for optimum hygiene
- temperature neutral compared to concrete slats
- ideal for wean-to-finish systems

TRAPPER GR
completely solid panel e.g. for walkways

Technical data

<table>
<thead>
<tr>
<th>Item no.</th>
<th>TRAPPER</th>
<th>TRAPPER XL</th>
<th>SMARAGD</th>
<th>TRAPPER GR</th>
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</thead>
<tbody>
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<td>800 x 400</td>
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<tr>
<td>Percentage of opening</td>
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<td>35 %</td>
<td>27 %</td>
<td>0 %</td>
</tr>
<tr>
<td>Animal weight</td>
<td>200 kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Product benefits
- more persistent than wood
- more convenient and cheaper than litter
- more hygienic than concrete slats

Plastic for calves – the economic alternative

Calves and milking parlours

Calf panels & milking parlour flooring
The temperature-neutral PRÄRIE and TRAPPER panels are increasingly used in calf rearing as an economic and practical alternative to concrete or wooden slats or bedding.

TRAPPER is mainly used in individual calf boxes and gives calves a high stability performance combined with best hygienic conditions. Thanks to its excellent load-bearing characteristics, PRÄRIE is extremely suitable where animals are kept in groups. Its special surface design offers good foot holding and keeps the panels dry and clean.

**Benefits**
- stable and longer lasting than timber
- very hygienic due to 20mm opening and closed molecular material structure
- eco-friendly tropical hard wood substitution
- easy to use and install
- time-saving cleaning means less work
- lower operating costs due to savings in bedding and its storage

### Technical data

<table>
<thead>
<tr>
<th></th>
<th>PRÄRIE</th>
<th>TRAPPER</th>
<th>TRAPPER XL</th>
<th>STEPPER XL</th>
<th>SMARAGD</th>
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<td>29 %</td>
<td>35 %</td>
<td>35 %</td>
<td>35 %</td>
<td>27 %</td>
</tr>
<tr>
<td>Animal weight</td>
<td>350 kg</td>
<td></td>
<td></td>
<td>200 kg</td>
<td></td>
</tr>
</tbody>
</table>

The TRAPPER panel offers milking farmers a safe and ergonomic workplace arrangement in addition to easy use and cleaning. The STEPPER has a special design with a knobbed surface structure that guarantees better grip, for safer working conditions.

**Benefits**
- easy cleaning and effective drainage
- anti-skid surface
- slightly elastic, it is gentle to back and joints
- underfloor ventilation with warm air is also possible

### More colours available for milking parlours

<table>
<thead>
<tr>
<th>Item no.</th>
<th>TRAPPER 800 x 400</th>
<th>STEPPER 800 x 400</th>
</tr>
</thead>
<tbody>
<tr>
<td>blue</td>
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<td>00310</td>
</tr>
<tr>
<td>opal green</td>
<td>00303</td>
<td>00308</td>
</tr>
<tr>
<td>white</td>
<td>-</td>
<td>00309</td>
</tr>
<tr>
<td>grey</td>
<td>00307</td>
<td></td>
</tr>
</tbody>
</table>
The MIK calf box convinces by the easy handling and the stable construction. The use of MIK calf panels and dividing boards is basis for a hygienic and healthy calf housing.

Calf box
hygienic, flexible, stable

Benefits
- four swiveling wheels
- easy to clean
- five different slats can be used
- calf can be fed by front door
- holders for pan and drinking bin included
- stable galvanized frame

Options
- adjustable roof
- partable front door
- double bin holder
- also available as double-, triple- and fourfold box

Technical data

<table>
<thead>
<tr>
<th>Configuration of the box according to arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single box</strong></td>
</tr>
<tr>
<td>Outer dimensions in mm</td>
</tr>
<tr>
<td>1500 x 980 x 1250</td>
</tr>
<tr>
<td>Inner dimensions in mm</td>
</tr>
<tr>
<td>1330 x 900 x 920</td>
</tr>
<tr>
<td>Weight</td>
</tr>
<tr>
<td>65 kg</td>
</tr>
</tbody>
</table>

The MIK calf box

Sheep & goat panel systems

Ideal grip with knobbed surface

Product benefits
- proven knobbed surface
- outstanding step-safety
- durable, clean and hygienic

Sheep & goat farming
Sheep & goat farming

The STEPPER panel was developed especially for sheep and goats. Its proven surface provides the very best traction and stability. High supporting beam savings due to 800 mm width. STEPPER convinces by high stability and durability.

STEPPER XL
developed for small hooves

Benefits
- Knobbed surface generates unique slide prevention and safe grip
- Excellent self-cleaning due to 14 mm wide openings
- Stability, durability and resistance
- Allows moving safely and lying comfortably
- Dry and temperature-neutral for healthier animals
- Reduction of bedding, storage costs and labour input

Knobbed structure for perfect grip

Product benefits
- Outstanding step-safety
- Durable, clean and hygienic

Increased feet comfort through rounded openings

Technical data

<table>
<thead>
<tr>
<th></th>
<th>TRAPPER</th>
<th>TRAPPER XL</th>
<th>STEPPER XL</th>
<th>SMARAGD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no.</td>
<td>00313</td>
<td>00326</td>
<td>00325</td>
<td>00316</td>
</tr>
<tr>
<td>Measurements mm</td>
<td>800 x 400</td>
<td>800 x 600</td>
<td>800 x 600</td>
<td>800 x 400</td>
</tr>
<tr>
<td>Opening width</td>
<td>14 mm</td>
<td>14 mm</td>
<td>14 mm</td>
<td>10 mm</td>
</tr>
<tr>
<td>Percentage of opening</td>
<td>35 %</td>
<td>35 %</td>
<td>35 %</td>
<td>27 %</td>
</tr>
<tr>
<td>Animal weight</td>
<td>200 kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Poultry slat

Outstanding step-safety
Durable, clean and hygienic

Increased feet comfort through rounded openings

Poultry slat
The MIK poultry slat combines the following advantages through the special design of the slat surface. The surface structure is characterized by a self-cleaning effect and provides optimal grip for the animals.

**Benefits**
- Good manure passage through arched bridges and an open surface
- High load bearing capacity and longevity
- Simple and fast assembly
- Easy to clean
- Comfortable to walk on and reduced possibility of injury due to rounded edges
- Avoidance of mite infestation through open style support bearer tabs

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Poultry slat 1000</th>
<th>Poultry slat 1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>40011</td>
<td>Natural</td>
</tr>
<tr>
<td>Grey</td>
<td>40010</td>
<td>Grey</td>
</tr>
<tr>
<td>Black</td>
<td>40012</td>
<td>Black</td>
</tr>
<tr>
<td>Measurements mm</td>
<td>580 x 1000</td>
<td>580 x 1200</td>
</tr>
<tr>
<td>Opening width</td>
<td>42 x 22</td>
<td>Percentage of opening</td>
</tr>
</tbody>
</table>

The MIK broiler slat is designed to keep broiler without using any litter. Due to the surface design the flooring offers a perfect animal friendly and clean solution.

**Benefits**
- Available with leg system for use with support beams
- Leg type available in 3 different heights
- Flooring ensures to have no blisters on breast and always clean birds
- Easy and fast assembling / disassembling

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Broiler slat leg type</th>
<th>Broiler slat support type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height 200 mm</td>
<td>40030</td>
<td>40040</td>
</tr>
<tr>
<td>Height 250 mm</td>
<td>40031</td>
<td></td>
</tr>
<tr>
<td>Height 300 mm</td>
<td>40032</td>
<td></td>
</tr>
<tr>
<td>Measurements mm</td>
<td>914 x 609</td>
<td>1219 x 609</td>
</tr>
<tr>
<td>Opening width</td>
<td>18,7 x 20</td>
<td>19,6 x 20,6</td>
</tr>
<tr>
<td>Percentage of opening</td>
<td>61 %</td>
<td>59,5 %</td>
</tr>
</tbody>
</table>
The DUO support beam system is the basis for the entire panel system. The beams made of composite fiberglass (GRP) ensure a stable and durable panel support. Even under difficult construction conditions, our wide accessory assortment guarantees easy and fast assembling.

**Product benefits**

- Delta profile for excellent stability
- Non-corroding, resistant to acids and lyes
- Simple and quick installation

**Benefits**

- High bearing load and stability due to delta profile
- Special DUO edge profile for additional interlocking with panel
- Support leg system for wider spanning
- Acid and alkali resistant
- First class self cleaning
- No corrosion

**Technical data**

<table>
<thead>
<tr>
<th></th>
<th>DUO L</th>
<th>DUO XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no.</td>
<td>22000</td>
<td>20000</td>
</tr>
<tr>
<td>Height x width</td>
<td>120 x 29 mm</td>
<td>150 x 29 mm</td>
</tr>
<tr>
<td>Total installation height*</td>
<td>140 mm</td>
<td>170 mm</td>
</tr>
</tbody>
</table>

*with panel and DUO Protect

**Duplicates**

- DUO Protect: Hygienic protective cap for support beams
- DUO XL: Solid basis

**Accessories**

- DUO Protect: Hygienic protective cap for supporting ledge
- Stainless steel wall clamp: Hygienic assembling solution
- DUO supporting leg set: PVC piping up to 500 mm, GRP piping up to 1000 mm
MIK offers three different heights of penning systems depending on the use in farrowing, nursery or finishing units. The large number of profiles and single parts makes this system extremely flexible and allows it to be adapted to all pen and room sizes. It is extremely important that pens are easy to handle and can be securely locked. The MIK penning system combines both of these aspects.

- For single handed use
- Optimised geometry for excellent stability
- Simple and quick installation

**Product benefits**

**Penning systems**

**Floor anchor, small**
- Item no.: A-00005

**Floor anchor, large**
- Item no.: A-00006

**Lift stop door handle set**
- Item no.: A-00550

**Stabilisator**
- 750: Item no.: A-07545
- 1100: Item no.: A-11045

**Wall post**
- 500 x 35: Item no.: A-05020
- 750 x 35: Item no.: A-07520
- 1100 x 35: Item no.: A-11020

**Door profile, left**
- 500 x 35: Item no.: A-05010-L
- 750 x 35: Item no.: A-07510-L
- 1100 x 35: Item no.: A-11010-L

** Corner profile**
- 500 x 35: Item no.: A-05030
- 750 x 35: Item no.: A-07530
- 1100 x 35: Item no.: A-11030

**T-profile**
- 500 x 35: Item no.: A-05035
- 750 x 35: Item no.: A-07535
- 1100 x 35: Item no.: A-11035

**Delta profile**
- 750: Item no.: A-07550
- 1100: Item no.: A-11050

**Angle post 750**
- Item no.: A-07555

**Corridor post**
- 750: Item no.: A-07540
- 1100: Item no.: A-11040
Dividing boards

Stable and hygienic dividing boards

Product benefits

■ smooth surfaces for optimum hygiene
■ acid and alkali resistant
■ easy cleaning

MIK PVC boards in different sizes and colours can optionally be delivered with tongues and grooves or with smooth sides. They can also be produced in the desired lengths for your own specific project.

Benefits

■ specific lengths available
■ top quality material for excellent stability and very strong walls
■ resistant to disinfectants, acids and alkalis
■ standard colour grey and white; other colours upon request

Technical data

<table>
<thead>
<tr>
<th>Profile type</th>
<th>200 x 40</th>
<th>250 x 35</th>
<th>500 x 35</th>
<th>600 x 35</th>
<th>750 x 35°</th>
<th>850 x 35°</th>
<th>1000 x 35°</th>
<th>500 x 50</th>
<th>Oval profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height mm</td>
<td>200</td>
<td>250</td>
<td>500</td>
<td>600</td>
<td>750</td>
<td>850</td>
<td>1000</td>
<td>500</td>
<td>70</td>
</tr>
<tr>
<td>Width mm</td>
<td>40</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>35</td>
<td>50</td>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>tongue &amp;</td>
<td>tongue &amp;</td>
<td>tongue &amp;</td>
<td>flat sides</td>
<td>flat sides</td>
<td>flat sides</td>
<td>flat sides</td>
<td>flat sides</td>
<td>tongue &amp;</td>
</tr>
<tr>
<td></td>
<td>groove</td>
<td>groove</td>
<td>groove flat</td>
<td>sides</td>
<td>sides</td>
<td>sides</td>
<td>sides</td>
<td>sides</td>
<td>groove</td>
</tr>
</tbody>
</table>

1: L-, U- and H-profiles and different endcaps also available.
* available in greater wall thickness
The BISTRO W feeders can be used for piglets (type P) and for finishing pigs (type F). Variable settings allow perfect feed adjustment according to the animals’ requirements.

**Benefits**
- Stainless steel trough
- Includes two drinkers
- Optional with circulating piping
- Up to 40 animals per feeder
- Stainless steel bite protection
- Cover for automatic and manual refilling
- Infinitely adjustable setting
- Large stable ground anchor
- Suitable for meal and pellets
- Special hopper construction to prevent feed bridging

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>BISTRO W 90 P</th>
<th>BISTRO W 90 F</th>
<th>BISTRO W 100 P</th>
<th>BISTRO W 100 F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume</td>
<td>90 L</td>
<td>90 L</td>
<td>100 L</td>
<td>100 L</td>
</tr>
<tr>
<td>Application</td>
<td>nursery</td>
<td>finishing</td>
<td>nursery</td>
<td>finishing</td>
</tr>
</tbody>
</table>
BISTRO W Feeders

BISTRO W 90
100 % stainless steel – available

- High, and tapered cover for optimal feed hygiene and large openings for the feed inlet
- Large translucent plastic hopper makes checking level of feed easy
- Infinitely variable adjustment of feed supply
- Stainless steel stirrer ensures continuous feed flow
- Longevity through stainless steel frame
- Oval hopper to prevent feed bridging
- Long stainless steel water pipes; optionally available as a circular pipe
- Robust bite protection for the plastic hopper
- Standard supply with two nipple drinkers
- High quality stainless steel trough with drain hole and high trough edge
- L-profile to enable installation in pen partitions
- Solid base angle for stability

BISTRO W 100

Technical data

<table>
<thead>
<tr>
<th>Item no.</th>
<th>VD 6</th>
<th>VD 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no.</td>
<td>10155</td>
<td>10160</td>
</tr>
<tr>
<td>Height mm</td>
<td>395</td>
<td>565</td>
</tr>
<tr>
<td>Ø mm</td>
<td></td>
<td>200</td>
</tr>
<tr>
<td>Volume litre</td>
<td>6</td>
<td>9</td>
</tr>
</tbody>
</table>

BISTRO Drop Feeder

- easy to use and accurate adjustment system
- robust stainless steel slide for feed level adjustment
- large and reinforced front opening for medication or feed additives
- easily unassembled for cleaning
- reinforced drop cone interlocking
- cone-shaped feed release
- 75mm outlet

Benefits

- outlet reducer to 63 or 70mm
- offset outlet for wall mounting
- 90° adapter for inlet
- two feed pipe inlet
- pipe adapter from 60 to 48/50 mm or 38/40 mm

also available

eccentric outlet for wall mounting

Technical data
BISTRO Corner – a long lasting, strengthened and watertight solution for chain feeding systems.

Benefits:
- Torsion-resistant corner
- Fully framed groove guide with rubber seal
- Completely watertight casing
- Sealed bearing pin
- Shouldered socket to avoid overinsertion of the conveyor tubes
- Self-cleaning geometrical spokes
- Disc retainer avoids the stop of the wheel
- High quality cast iron wheel
- Longlasting stable stainless-steel spring

Technical data:

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Corner 90°</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F-11143</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Pipe measurement mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ø 60 mm</td>
</tr>
</tbody>
</table>

BISTRO Starter – animal friendly, robust and flexible mountable feeding pan in the well-known MIK quality.

Benefits:
- Made of high quality plastic
- 3.5 liter capacity
- Large diameter
- Robust divider for 6 feeding places
- Suitable for dry feed, milk and water
- No wastage or spoiling of feed thanks to high pan sides and solid fixing to the flooring

Technical data:

<table>
<thead>
<tr>
<th>Item no.</th>
<th>BISTRO Starter with divider</th>
<th>BISTRO Starter without divider</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurements</td>
<td>295 mm</td>
<td>295 mm</td>
</tr>
<tr>
<td>Edge height</td>
<td>61 mm</td>
<td>61 mm</td>
</tr>
<tr>
<td>Pan capacity</td>
<td>3.5 L</td>
<td>3.5 L</td>
</tr>
<tr>
<td>Feeding places</td>
<td>6 pieces</td>
<td>6 pieces</td>
</tr>
</tbody>
</table>

BISTRO Corner

BISTRO Starter

the large feeding pan
The final steps to the perfect pen

Product benefits
- easy assembly
- intelligent solutions
- occupation for pigs

Edge strips
The edge strips provide a clean finish, ensuring a proper closing of expansion gaps and smooth connection to concrete surfaces.

Edge strip
- Item no.: 00191
- Measurements mm: 400

Support strips for inlets
Benefits
- available in two different heights
- fitting wire bows in different lengths

Support strip 40 mm
- Item no.: 04200
- Length: 200 mm

Support strip 50 mm
- Item no.: 04201
- Length: 200 mm

Technical data for edge strip:
- Measurements mm: 400

Technical data for support strips:
- Length: 200 mm

expansion gap with edge strip
Edge strip for clean finishing
different concrete inlets on request
MIK installation material

The small installation aids ensure simple mounting of penning systems and feeders on MIK flooring and concrete slats. They are specially designed to fit different shapes of MIK flooring.

**J-Hook**
attachment to the substructure

**DUO TRACK**
attachment of farrowing cages to the DUO support system

**Anchor**
Anchor screws for perfect mounting

**STS, CRD, SW, BC**
anchor bolts for perfect mounting

---

### MIK Accessories

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Application</th>
<th>STS</th>
<th>CRD</th>
<th>SW</th>
<th>BC</th>
<th>J-Hook</th>
<th>DUO TRACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>17033</td>
<td>STEPPER</td>
<td>17020</td>
<td>17050</td>
<td>17040</td>
<td>17010</td>
<td>00100</td>
<td></td>
</tr>
<tr>
<td>17065</td>
<td>TRAPPER</td>
<td></td>
<td>CHESS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17070</td>
<td>SWARAGD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17110</td>
<td>SWING</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17090</td>
<td>MIK ROLLS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17120</td>
<td>MIK TOY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### MIK slurry system

An optimal working slurry system has both, the MIK drain stub and a MIK slurry plug plastic. The main advantage is durability and robustness against the environment in the slurry system.

**Glue-on Drain Stub (typ AS)**
- supply with or without center reduction
- 250 or 300 mm diameter
- available in various heights from 310 to 1000 mm
- available with or without center reduction

**Slurry Stopper (typ GS)**
- 200, 250 or 300mm diameter
- extremely strong and durable
- compact plug made from HDPE

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>AS 250</th>
<th>AS 300</th>
<th>GS 200</th>
<th>GS 250</th>
<th>GS 300</th>
</tr>
</thead>
<tbody>
<tr>
<td>00230</td>
<td>250</td>
<td>300</td>
<td>200</td>
<td>250</td>
<td>300</td>
</tr>
<tr>
<td>00240</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>00250</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>00251</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>00252</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### MIK ROLLS & MIK TOY

**The toy for piglets, finishing pigs and sows!**

The successful duet MIK TOY and MIK ROLLS offers top-quality playing material for occupying pigs of all ages ideally and sustainably.

**MIK ROLLS**
- dust free compressed rolls of wheat and rape straw
- supplemented raw fibres effectively support the digestion process
- complies with legal EU regulations governing the provision of changeable manipulable materials
- MIK ROLLS are quickly accepted by the animals
- bacteriologically safe as they are compressed under heat during the production process

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>MIK TOY</th>
<th>MIK ROLLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>31005</td>
<td>31000</td>
<td></td>
</tr>
<tr>
<td>Measurements mm</td>
<td>80 x 580</td>
<td>–</td>
</tr>
<tr>
<td>Material</td>
<td>stainless steel</td>
<td>20 kg box</td>
</tr>
</tbody>
</table>
The „Grüne Rinne“ drain pipe offers a flexible and easy to assemble system for drainage of floors, dungheaps, flat silos and composting installations. The pipe can be equipped with three different types of spouts.

1. The orange spouts main characteristics is a special opening funnel avoiding quick clogging while removing manure. They come with a spring lock to be removed after concrete work.

2. The yellow spouts with round 1.5 cm (9/16”) size openings act as conventional drainage. The spouts are enclosed with concrete and subsequently opened.

3. With a height of 71 mm, the blue spouts can be used for deeper embedding in concrete.

4. With a height of 71 mm, the red spouts can be used for deeper embedding in concrete, only available for the „Grüne Rinne“ with 160mm diameter.

**Grüne Rinne**
the clever drainage expert

---

**Benefits**
- high quality design
- cost saving alternative to PVC piping
- versatile usage
- easy installation

**Technical data**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Spout height mm</th>
<th>Pipe-Diameter mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>00212</td>
<td>51</td>
<td>125</td>
</tr>
<tr>
<td>00213</td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>00214</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>00218</td>
<td>71</td>
<td></td>
</tr>
</tbody>
</table>

---

**Insert spouts and close with flap lid.**

**Align top of spouts with concrete flooring.**

**Push in flap lids to open spouts.**

---

**Material:**
- Plastic
- Mix of cast, plastic & heated lying area for piglets
- Mix of plastic & cast
- Mix of plastic & heated lying area for piglets

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**Layout samples**

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44 | MIK Accessories  
45 | MIK samples
MIK – the benchmark for pioneer performance

Questioning existing standards and actively involving our customers in the innovation process surely belongs to the traditional strengths of MIK. Thanks to these “virtues” and the close cooperation with highly reputed technological partners we are succeeding in setting the standards for new developments of plastic based flooring systems.

The 5 pillars of MIK

Customer proximity and service, stable value, cost efficiency, ease of assembly and animal health

Improvement and innovation start with ideas and approaches turning into clear shapes and pictures. What is being visualized with modern CAD techniques in our laboratories ...

... is later being manufactured by high-tech injection-moulding machines.

Extreme endurance simulations and inspections ensure a sustainable high quality.

Close customer service through …
- comprehensive product consulting
- individual installation planning
- reliable order processing
- international logistics management
- technical support
- worldwide network of distribution partners

Assembly without problems by …
- well thought-out system interfaces
- far reaching compatibility between the individual products
- numerous panel sizes for individual flooring configuration
- quick installation

Cost efficient operation through …
- special geometric panel shapes for excellent self cleaning and easy disinfection
- protection against contamination by means of minimal gap sizes between the system components
- panels can be cut with minimal waste and without significant losses of bearing load
- highly energy-efficient MIK heating systems

Extreme durability through …
- 3D – CAD – construction
- loading simulation by FEM – analysis to meet desired part geometries
- rapid prototyping for early testing of function mechanics and exact suitability

Outstanding durability by …
- top-class virgin quality Polypropylene Copolymer
- protected MIK material additive formula
- ISO 9001 certification
- manufacturing supervision by accredited test institutions
- product tests by recognised neutral institutes

Animals’ friend because of …
- hygienic rounded profiles
- limited danger of injuries thanks to anti-slip surfaces
- temperature neutral material

Additional information on MIK products and services can be found on www.mik-online.com