



RUBBER FLOORING FOR BEEF FATTENING





**ONLY HEALTHY ANIMALS
BRING THE HIGHEST YIELD!**

For every development we follow the example set by nature. Our robust mats have a high positional stability that lasts for many years. Their softness, thermal insulation and slip resistance provide the necessary animal comfort. It is our attention to detail that makes the products so user-friendly. They are simple to install, easy to clean and disinfect.

WHAT DO NATURE-ORIENTED FLOORS OFFER?

| Improved sure-footedness reduces the risk of injuries and animal losses

- › only healthy animals can bring high yields in a short timeframe

| Fewer problems when getting up and lying down

- › more active animals go to the feeding place more often

WHAT ARE THE BENEFITS?

| Higher weight gain due to increased comfort, better energy balance and feed conversion

- › considerably shorter fattening periods

| Veterinary and treatment costs decrease

animal-friendly

- ✓ soft
- ✓ slip-resistant
- ✓ heat insulating

efficient

- ✓ performance enhancing
- ✓ robust and durable
- ✓ easy to install

legally and DIN compliant

(e.g. German Animal Protection - Livestock Ordinance - TierSchNutzV, guideline on beef cattle, DIN 3763:2022)

- ✓ for new construction
- ✓ for renovation

Rubber flooring for beef fattening

Contents

04 ABOUT KRAIBURG

- 04 About KRAIBURG
- 05 Animal welfare and environmental protection

06 SLATTED FLOOR IN PENS

06	Overview of slatted flooring	
10	Beef cattle	LOSPA SB
11		LOSPA swiss
12	Veal calves & beef calves	KURA SB
13		KURA S

14 LYING AREAS

Overview of lying mats	KKM LongLine
	KIM LongLine
	CALMA

15 PAVED / CONCRETE WALKING AREAS

Overview of walking area flooring	profiKURA P
	KURA P
	KARERA P
	MONTA



KRAIBURG warranty:

LOSPA / KURA: 5 years
 KKM LongLine / KIM LongLine / CALMA: 10 years
 profiKURA P / KURA P / KARERA P: 5 years

Detailed information about our warranty (taking into account the service life) is available on request from your contractual partner / dealer.



Tolerances for KRAIBURG mats:

Thickness: +3/-2 mm (except for approximate figures)
 Width + length: +/- 1.5 % (DIN ISO 3302-1 tolerance class M4)

More technical details on request. The products presented here should only be used for the mentioned applications. Technical specifications are subject to alterations. All sales are subject to our General Terms and Conditions. Legal basis is the German version of the document.



QUALITY MADE IN GERMANY

Our experience is your gain!

We have been developing and manufacturing high-quality rubber flooring for animal housing using a unique process since 1968. At our site in Tittmoning / Germany, ca. 200 employees combine rubber expertise with specialist knowledge of animal husbandry. This pays off: many studies show that our products are measurably better!

Quality control

We test our products in our in-house laboratory and in test dairy barns. We also have them certified by the DLG (results at www.dlg.org). Many products have been examined and licensed by the Austrian specialist department for animal-friendly husbandry and animal protection.

DIN compliant

Of course, the products are compliant with DIN 3763, which specifies both technical and animal-related minimum standards for elastic flooring. They are classified according to their deformability (the higher the class, the higher the deformability or softness).

Pioneer in transparency

To consistently ensure our effective quality and energy management, we are certified according to the worldwide ISO 9001 and ISO 50001 standards.

We have been the first company to be awarded the DLG quality seal **CONTINUOUS MONITORING!** The entire manufacturing process is regularly examined – from the raw materials to the finished product. The environmental compatibility (PAH test) is also checked according to the DIN 3762 standard.



Premium quality rubber from resource-saving production

Tyres are an **ideal raw material**: they have just taken care of your safety on the road. As soon as a few millimetres of profile are missing, long-lasting products for animal housing are produced from them, in which the **important properties of the tyre (form-stable, elastic, abrasion-resistant) are retained.**

Our purity rule: we refrain from regenerated rubber, textile fabric, chalk or other inferior fillers – **for high-quality and environmentally friendly products!**



Transparent tests for relevant pollutants

As part of the DLG quality audit **CONTINUOUS MONITORING** the products undergo a PAH test (test method according to the DIN 3762 standard) which we were **the first to pass with flying colours!**

The decisive factor is whether or not PAHs are released from the products into the environment. This depends on the plasticizer.



Instead of mineral plasticizer oils we use vegetable oils from European cultivation!



Climate protection

Our rubber **mats specially developed to reduce ammonia emissions** also offer **animal-friendly softness** as well as the **necessary grip** and promote **dry claws!**



With KRAIBURG rubber flooring you do not only provide more animal welfare, but also contribute to environmental protection!

Tailor-made!

KRAIBURG slatted flooring is

- ✓ heat insulating & comfortable
- ✓ extra positionally stable and durable
 - › large-area mats extending over several slatted floor elements!
- ✓ slip-resistant & claw-friendly
- ✓ noise and stress reducing
- ✓ easy to install
- ✓ easy to clean and disinfect

SLATTED FLOOR

Slatted flooring

Healthier animals & higher yields

Slatted floors with rubber mats provide more sure-footedness and comfort. Along with other things, this is demonstrated by fewer injuries, natural movement patterns and the animal's preference for rubber. Bulls held on rubber achieve the slaughter weight faster than animals held on concrete slatted floors.

Fewer injuries

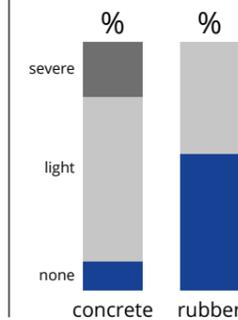
The joint and claw health improves significantly on rubber mats compared to concrete slatted floors. Tail tip injuries are also less frequent and less severe on a soft floor.

Joint swellings

50 %
↓
FEWER FINDINGS
on rubber

Source: Graunke et al., 2011

Claw injuries: haemorrhages (sole and white line)



SIGNIFICANTLY FEWER
↓
AND NO SEVERE FINDINGS
on rubber

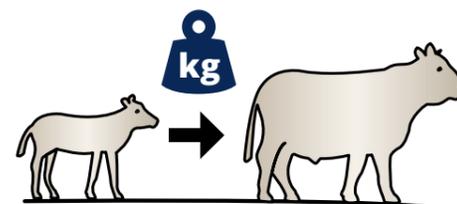
Source: Graunke et al., 2011

Tail tip injuries

45 %
↓
FEWER INJURIES
on rubber

Source: Zerbe F., Mayer C., Kjaer J., 2008

Faster weight gain



Fattening period on rubber mat

31 days
↓
SHORTER
than on concrete

Source: Graunke et al., 2011

Bulls go for rubber

BULLS CLEARLY PREFER RUBBER TO CONCRETE
(in case of partial covering)

Source: Bahns, 2005

Natural animal behaviour

Rubber mats protect the joints so that standing up and lying down can be performed in a normal way and therefore happen more frequently. This has a positive effect on feed intake. The better sure-footedness allows for behaviour fulfilling the animal's needs and provides more well-being.



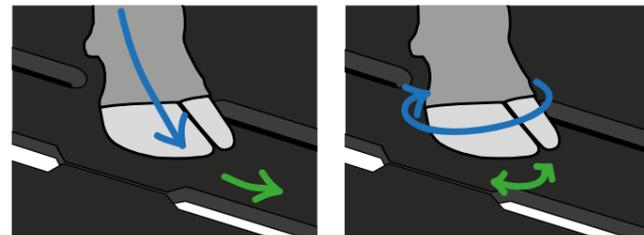
Flexible single mats with elastic fixings:

| Allow for the necessary movement between rigid concrete and elastic rubber

- | **Individual installation improves durability**
 - > flexible rubber and rigid concrete are very different materials, a fixed connection between rubber and concrete could therefore easily break
- | **Single mats can easily be installed or exchanged anytime, independently of the concrete slatted floor**
- | **The slits in the floor can be adjusted by means of rubber mats to fulfill legal requirements**

NATURAL MOVEMENT PATTERNS

- > **when stepping down**
the mat adjusts to the movement and absorbs the impact
- > **when turning**
the mat cushions and supports the claw as it rotates



Customization

| **KRAIBURG slat mats are individually tailor-made for every slatted floor geometry**

| 1

slatted floor is measured.

| 2

with modern CAD software the mats are individually dimensioned.

| 3

based on the CAD-created drawing, the slits are cut exactly into the mats with innovative water jet technology.

| 4

The mats are dimensioned by our specialists on the basis of many years' experience. Stability also plays an important role. In addition to the slit and tread widths in the slatted floor, feeding, aeration, occupation density etc. are important for clean floors.

INSTALLATION - EASY AND SAFE

- > single mats are very easy to handle
- > the mats are fixed in the slits with special fixing systems
- > **KRAIBURG fixing system:**
patented rubber peg to prevent lateral slipping - flush with the mat



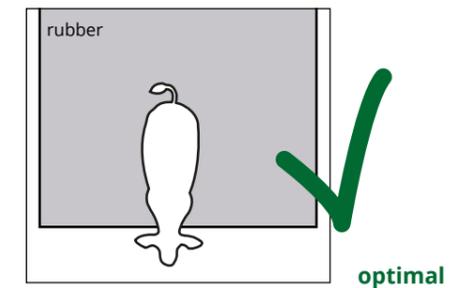
Epecially for mat types for **higher loads**: optimized rubber peg with surrounding rim

Please take notice of the corresponding KRAIBURG specifications and installation instructions with useful advice and tips. You will obtain these at your local KRAIBURG dealer or at www.kraiburg-elastik.com.



Full covering pays off!

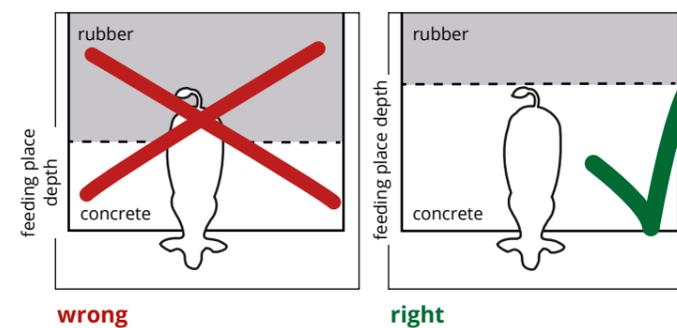
In order to reduce injuries and enable all animals to behave fulfilling their needs **we recommend full covering of the pen with rubber.**



In the case of partial covering with rubber:

Lower ranking animals are easily pushed off. This is particularly true where the complete lying area cannot be used as such because the animals in the feeding place stand with their hind legs on the mats of the lying area.

IMPORTANT: When feeding, the animals should stand on the mat either **completely or not at all!** This is also important for long-term functionality.



Planning aid for feeding place depth:

- > Pre-fattening: ca. 1.70 m
 - > Fattening: ca. 1.80 m
 - > Finishing: ca. 1.90 m
- The dimensions may vary depending on the breed.

FOR HIGHER LOADS

- ✓ **simple solution for renovating**
 › meets legal requirements quickly and easily
- ✓ **compliant with DIN 3763:2022 standard**
 › sufficiently soft or elastically deformable
 (is already required in various husbandry guidelines)



HIGHER WEIGHT GAINS



Christian Kobold,
Langenpreising,
Germany

“The rubber mats are like an oasis for the bulls. Compared to the bedded stalls I could state an additional weight gain of 50 kg per animal within 10 months on the rubber mats!”

BEEF CATTLE

Tailor-made!

LOSPA SB

- | **THICKNESS**
23 mm
- | **SURFACE**
curved, reinforced
- | **SPECIALTY**



DIN class 1



reinforced curved surface with square imprinting
 stable groove profile

| **Reinforced curved (cambered) surface with ca. 5 % slope towards the slit**

- › facilitates draining of liquids and dries faster
- › reduces the release of ammonia
 (up to 38 % ammonia reduction in cattle barns has been proven for slatted flooring with a cambered surface – KTBL, 2022: Förderfähige Techniken zur Emissionsminderung in Stallbauten)

| **Even better sure-footedness**

DIMENSIONS

THICKNESS | **WIDTH** | **LENGTH**
 23 mm | tailor-made



FLOOR PREREQUISITES

- For common longitudinal and cross slats**
- › **slit width:** from 30 mm
 - › **treads:** equally wide

LOSPA swiss

- | **THICKNESS**
20 mm
- | **SURFACE**
grip, reinforced
- | **SPECIALTY**



DIN class 1



reinforced grip surface
 stable groove profile

DIMENSIONS

THICKNESS | **WIDTH** | **LENGTH**
 20 mm | tailor-made



FLOOR PREREQUISITES

- For every slatted floor geometry**
- › **slit width:** from 30 mm
 - › **tread width:** up to 140 mm
 In case of wider treads we recommend **LOSPA SB**

FOR YOUNG CATTLE UP TO 250 KG

(or up to 350 kg, if the animals are kept in the same pen for the whole fattening period)

- ✓ **simple solution for renovating**
 - › meets legal requirements quickly and easily
- ✓ **better cleanliness**
 - › only with rubber mats, 30 mm of slit width are permitted according to the German Animal Protection - Livestock Ordinance (TierSchNutzTV) and the Austrian FtTT
- ✓ **compliant with DIN 3763:2022 standard**
 - › sufficiently soft or elastically deformable in the sense of the new German Animal Protection - Livestock Ordinance (TierSchNutzTV) (required in various federal states)



CLEAN ANIMALS



Efing family,
Bocholt,
Germany

“Although we have been very satisfied with KURA S already, the cleanliness of the animals has improved even further on KURA SB. The special surface and the claws’ sinking in additionally provide the calves with better sure-footedness.”

VEAL CALVES & BEEF CALVES

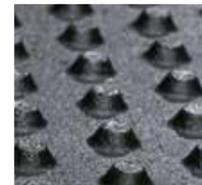
Tailor-made!

KURA SB

- | THICKNESS
28 mm
- | SURFACE
curved
- | SPECIALTY



curved surface with square imprinting



stud profile

DIN class 2

| Curved (cambered) surface with ca. 5 % slope towards the slit

- › facilitates draining of liquids and dries faster
- › reduces the release of ammonia

(up to 38 % ammonia reduction in cattle barns has been proven for slatted flooring with a cambered surface - KTBL, 2022: Förderfähige Techniken zur Emissionsminderung in Stallbauten)

| Even better sure-footedness

DIMENSIONS

THICKNESS | WIDTH | LENGTH
28 mm | tailor-made

23 mm 28 mm

FLOOR PREREQUISITES

For common longitudinal and cross slats (concrete or wooden slats)

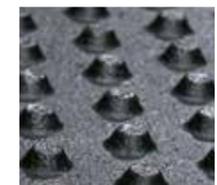
- › **slit width:** from 30 mm (technically possible from 24 mm on special request)
- › **treads:** equally wide

KURA S

- | THICKNESS
24 mm
- | SURFACE
grip



grip surface



stud profile

DIN class 2



DIMENSIONS

THICKNESS | WIDTH | LENGTH
24 mm | tailor-made

19 mm 24 mm

FLOOR PREREQUISITES

For every slatted floor geometry

- › **slit width:** from 30 mm (technically possible from 24 mm on special request)
- › **tread width:** from 80 mm

KRAIBURG lying mats

Lying comfort & more animal welfare

Our lying mats are

- ✓ heat insulating
- ✓ easy to clean and disinfect
- ✓ robust and permanently soft
- ✓ installation independent of divider arrangement

The details make the difference

Proven surface

- › with good grip but not rough
- › for good hygiene and slip resistance
- › supports the build-up of an organic layer

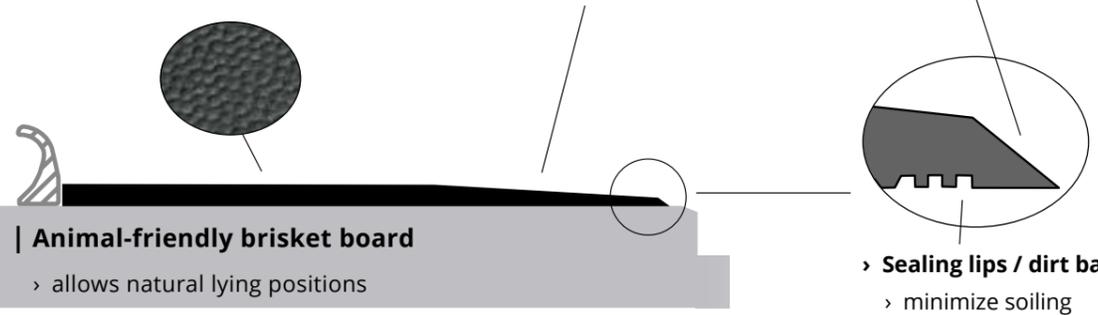
Integrated soft slope

- to rear edge
- › promotes drying off of the surface

Rear edge

- › Chamfer
- › gentle on joints
- › no stumbling edges

- › Sealing lips / dirt barriers
- › minimize soiling



Animal-friendly bricket board

- › allows natural lying positions

	KKM LongLine	KIM LongLine	CALMA
Thickness	ca. 3 cm	ca. 3 cm	ca. 3 cm
Lower side	honeycomb profile	air cushion profile	air-cushion-like profile
Comfort			

KRAIBURG flooring for paved / concrete walking areas

Safety & less stress

Our walking area flooring is

- ✓ claw-friendly
- ✓ solid & robust
- ✓ slip-resistant
- ✓ noise and stress reducing

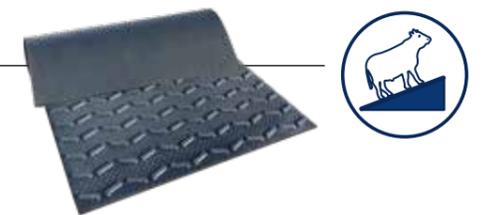
The animals are more active and healthier on the rubber mats. They also go to the feeding place more often, which supports higher weight gain. Our walking area mats are compatible with vehicle traffic and use of current manure removal systems.

	CLAW ABRASION AND IMPROVED GRIP	THE PROVEN ALLROUND-TALENT	UNIVERSAL BASIC COMFORT
	profikURA P	KURA P	KARERA P
Thickness	24 mm	24 mm	21 mm
Surface	optiGrip	grip	quad
Features	incorporated abrasive (corundum) and special profiling	animal-friendly softness and certified grip	meets the fundamental requirements for an animal-friendly walking area mat

For steep passages

MONTA

- › V-shaped, raised rib profile gives the claw foothold
- › in the case of stationary concrete loading ramps for transporting the animals to and from the barn



More information at www.kraiburg-elastik.com

Please take notice of the corresponding KRAIBURG specifications and installation instructions with useful advice and tips. You will obtain these at your local KRAIBURG dealer or at www.kraiburg-elastik.com.

Your KRAIBURG dealer:



legt die Weide in den Stall



English



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