



INSTALLATION INSTRUCTIONS INSTRUCCIONES DE MONTAJE



Safety instructions / Instrucciones de seguridad

Precautions / Precauciones:

It is important that you read, fully understand and observe the following safety instructions as well as the installation instructions.
Careless or improper handling may cause injury or property damage.



*Es importante que lea, comprenda completamente y respete las siguientes instrucciones de seguridad, así como las instrucciones de montaje.
El manejo descuidado o inadecuado puede causar lesiones o daños a la propiedad.*

Good footwear is very important. Wear sturdy boots with nonslip soles. Steel-toed safety boots are recommended.



Un buen calzado es muy importante. Póngase botas gruesas con suela antideslizante. Recomendamos las botas de seguridad con puntera de acero.

Knee-protection is recommended!



¡Recomendamos la protección de rodilla!

Always wear gloves when handling and installing the mats. Heavy-duty, nonslip gloves improve your grip and help to protect your hands.



Siempre use guantes cuando maneje y monte los pisos de goma. Los guantes gruesos y antideslizantes mejoran el manejo y ayudan a proteger las manos.

During installation / durante el montaje:

Do not stand or work under suspended load (pallet)!



¡No se pare ni trabaje bajo carga suspendida (palet)!

- Do not underestimate the weight of the mats. Improper handling may cause injury.
- Only use the recommended tools.
- Observe the safety instructions of the tools' manufacturers.
- Caution when cutting: blade may move quickly through the rubber mat. Be sure you are cutting away from your body.
- Pallets can be broken! Watch out for splinters and / or nails!
- Take care to remove edge protectors or other small parts of packaging from cow feeding areas!



- *No subestime el peso de los pisos de goma. El manejo inadecuado puede causar lesiones.*
- *Solo use las herramientas recomendadas.*
- *Respete las instrucciones de seguridad de los fabricantes de herramientas.*
- *Tenga cuidado al cortar: la cuchilla puede moverse rápidamente a través del piso de goma. Asegúrese de estar cortando lejos de su cuerpo.*
- *¡Los palets se pueden romper! ¡Cuidado con las astillas y / o los clavos!*
- *¡Tenga cuidado de quitar los protectores de bordes u otras partes pequeñas de los envases de las áreas de alimentación de las vacas!*

After installing / después del montaje:



Caution!
Cows will be more active!

*¡Cuidado!
¡Las vacas podrían ser más activas!*



Watch out for uneven edges if the floor is only partially covered.

Tenga cuidado con los desniveles en los bordes si el piso está cubierto solo parcialmente.



Residues on the rubber may cause slippery condition while and shortly after installing!

¡Los residuos sobre la goma pueden causar condiciones resbalosas durante y poco después del montaje!

KRAIBURG KARERA

Requirements:

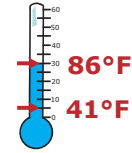


concrete area:

- smooth
- clean
- minimum 4" (10 cm) thick
- no holes
- level off uneven surfaces
- maximum 3% slope

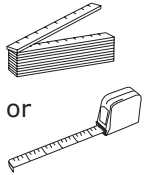
mats:

Installation Temperature:
minimum 41°F (5°C) to maximum 86°F
(30°C) (be sure internal temperature of
mats falls within above range)

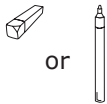


You will need this:

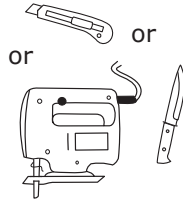
measuring:



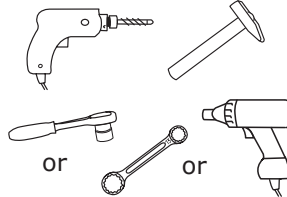
marking:



cutting:



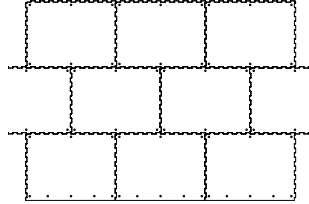
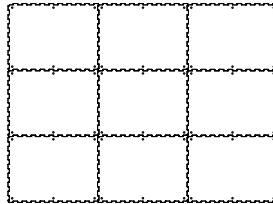
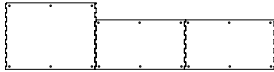
drilling and installing:



fastening components:

- 1/4" x 2" steel anchors
or
1/4" x 3" steel anchors
 - 5/16" x 1-1/8" SS curved washer
- (or fastening components with at least the same resistance and durability)

! Vario style puzzles offer a variety of layout options



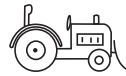
! Alley Scrapers:

- use scraper systems specifically designed for rubber floors
- adapt existing scraper facilities according to the **KRAIBURG guidelines for manure scrapers for rubber coverings on paved floors**

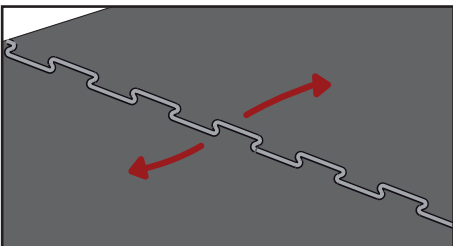


! Tractor/Skid Steer Scrapers:

- comply with **KRAIBURG guidelines for trafficability on flooring**

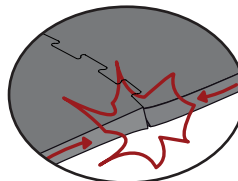


1 Lay out mats

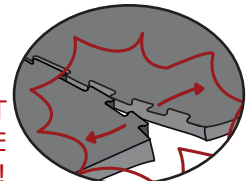


join mats loosely, lift them slightly and gently pull them apart

! avoid creating tension!



DO NOT
PRESS!

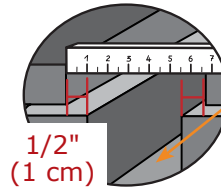
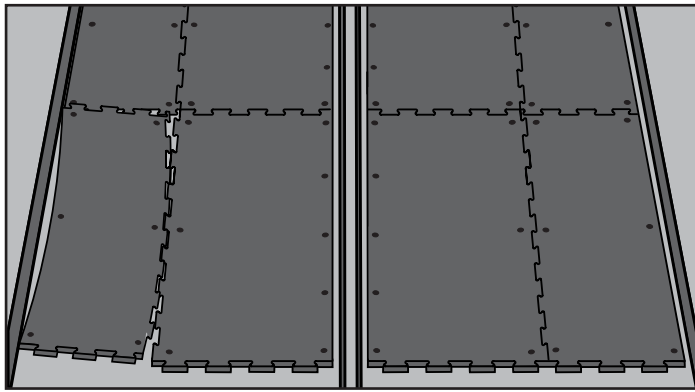


DO NOT
PULL ON ONE
SIDE ONLY!

- ! **at low temperatures:** pull the puzzle seams far enough apart that a gap is visible

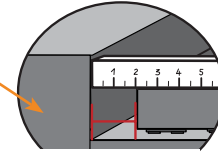


to **1** Laying out mats IN THE WALKING ALLEY WITH CENTER CHANNEL

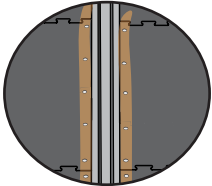


distance to guiding rail: 1/2" (1 cm)

distance to side edge: approx. 1" (2 cm) (min. 1 cm)



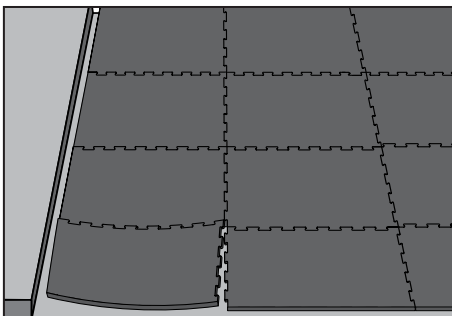
approx. 1" (2 cm)



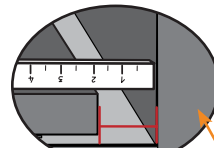
add additional anchors along center channel, we recommend five

to **1** Laying out mats ON LARGE AREAS

i tip: To make installation even easier, we recommend dividing large areas evenly and leaving an expansion gap between 1" to 1-1/2" (2 cm) at least every 24' (8 m) (max. width 4 mats wide).



lay out complete area



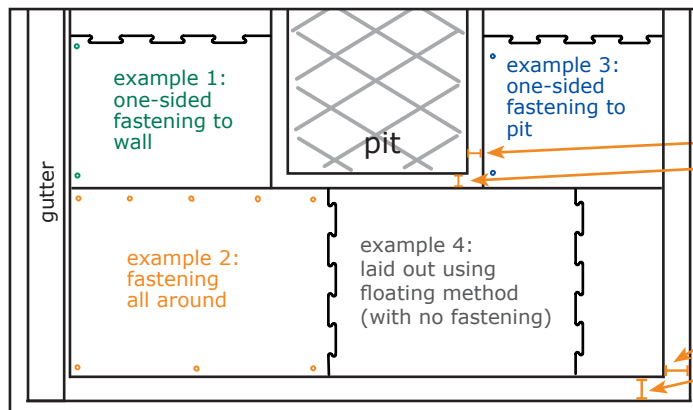
approx. 1" (2 cm)

distance to side edge: approx. 1" (2 cm) (min. 1 cm)

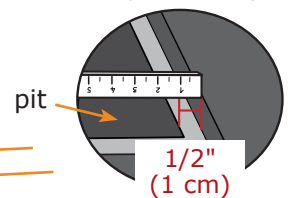
i Start at a straight edge!

to **1** Laying out mats IN THE MILKING PARLOR

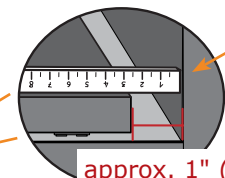
refer to your local sanitation regulations for restrictions on anchoring mats in the milking parlor



distance to pit: 1/2" (1 cm)



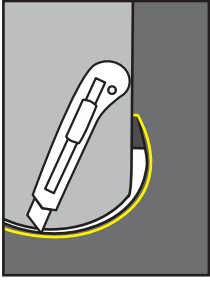
distance to wall: approx. 1"



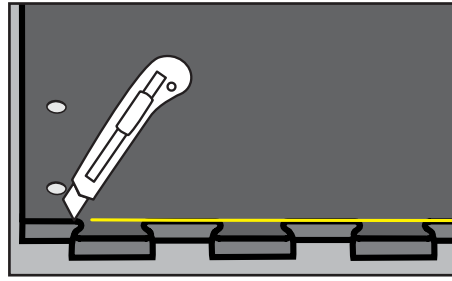
approx. 1" (2 cm)

Appropriate installation may differ due to local conditions. Therefore the manufacturer is not liable for installation! **i**

2 Custom Trimming



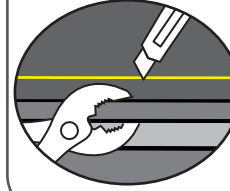
if necessary,
cut mats to fit



excess puzzle edges can be cut
off at the beginning and end of an
area

tips for cutting:

- moisten or lubricate the blade lightly
- pull the mats slightly apart



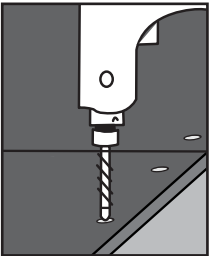
tip:
use pliers for
pulling small
pieces apart

3 Fasten

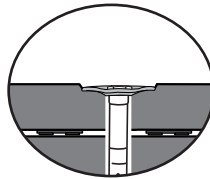
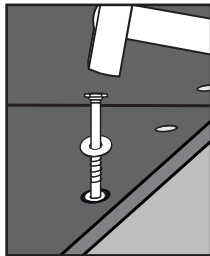
! 1/4" x 2" steel anchors
or
1/4" x 3" steel anchors
5/16" x 1-1/8" SS curved washer

! if some mats are cut at site:
add additional fasteners in comparable
distances on the mat edge!

fasten through prefabricated holes:

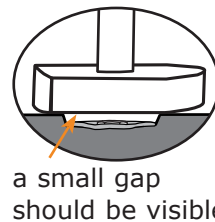
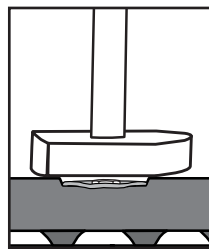


drill



pound in anchors and washers until
they are seated evenly and are slightly
countersunk

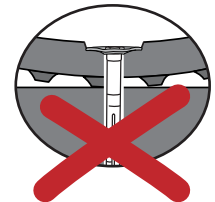
i tip: check to see if the
fastening can be felt
with a flat object made
of metal (e.g. hammer)
by sliding it over the
fastening. If it can be felt,
pound it in deeper!



a small gap
should be visible

! do not pound in too strongly!

no tensions
should
develop, the
mat should
not bulge!



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Therefore the manufacturer is not liable for installation!



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