



# 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!*

# profiDRAIN & RIMA



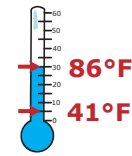
## Requirements:

### concrete area:

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

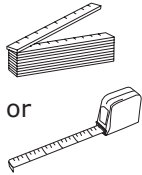
### mats:

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

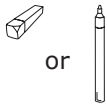


## You will need this:

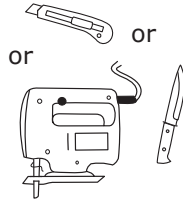
### measuring:



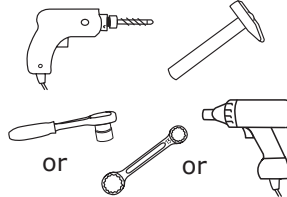
### marking:



### cutting:



### drilling and installing:



### fastening components:

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

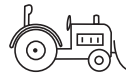
## Alley Scrapers:

- cleaning lip must match the drain channels in the rubber floor
- 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**

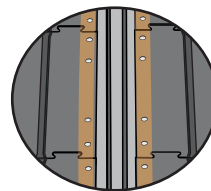
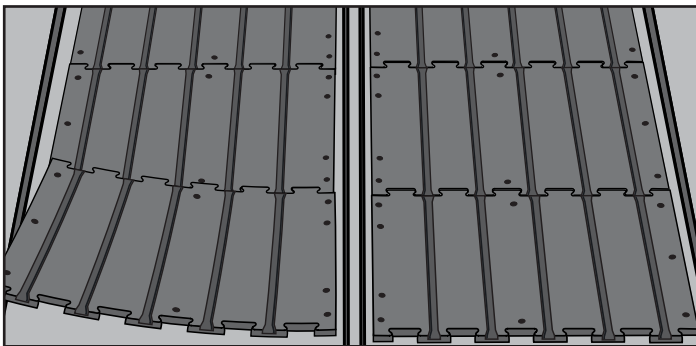


## Tractor/Skid Steer Scrapers:

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



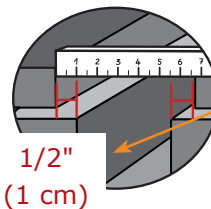
## 1 Lay out mats



### with center guidance:

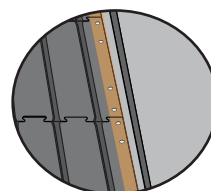
**the mat side with 4 fastening points** always lays along the **center guidance**

**Important:** align the mats along the center guidance



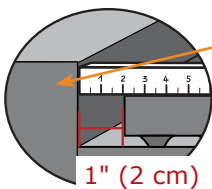
distance to guiding rail: 1/2" (1 cm)

1/2"  
(1 cm)



### with no center guidance:

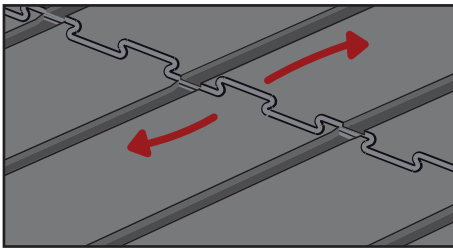
**the same number of fastening points** always lays along the same **side**



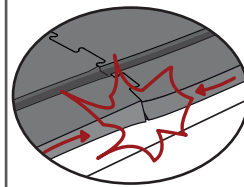
distance to side edge: 1" (2 cm)  
(min. 1/2" to max. 2"  
(1 - 6 cm))

1" (2 cm)

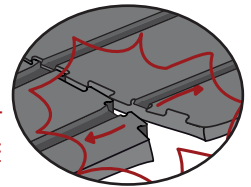




join mats loosely, lift them slightly and gently pull them apart



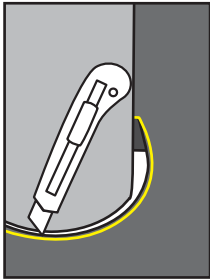
DO NOT PRESS!



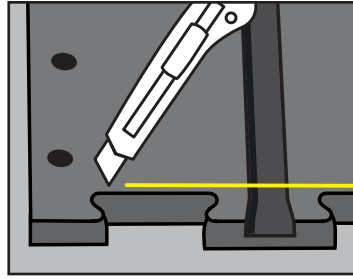
DO NOT PULL ON ONE SIDE ONLY!

**!** At low temperatures: pull the puzzle seams so far apart that an opening becomes visible

## 2 Custom Trimming



if necessary, cut mats to fit

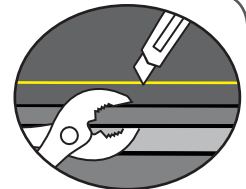


excess puzzle edges can be cut off at the beginning and end of an area



### Tips for cutting:

- moisten the blade lightly
- pull mat parts slightly apart
- use pliers to grab small pieces
- **a power jig saw** is most suitable for cutting

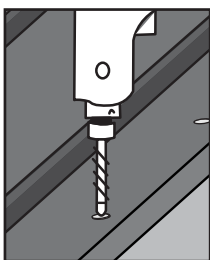


## 3 Fasten

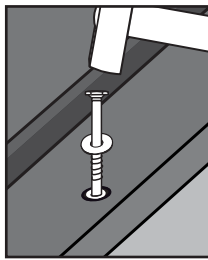
- !** 1/4" x 3" steel anchors (preferred)  
or  
1/4" x 2" steel anchors  
5/16" x 1-1/8" SS curved washer

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

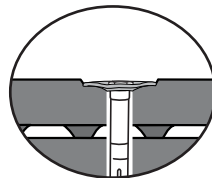
fasten through prefabricated holes:



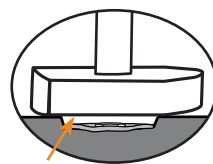
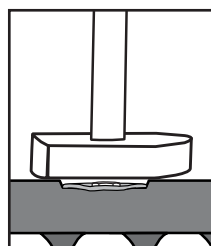
drill



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



**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!

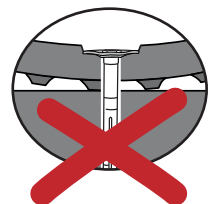


a small gap should be visible



**do not pound in too strongly!**

no tensions should develop, the mat should not bulge!



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



KRAIBURG profiDRAIN & RIMA - US - 9/2021 - I