

USEFUL INSTRUCTIONS

CUSTOMISABLE GRIDIRON DOORMATS

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# USFFUL NOTES

When designing a Top Clean doormat, the following points should be considered:

- Best efficiency: the doormat should always be fitted in a frame flush with the floor. Sizes and fitting of the frame are described in the section "Installation accessories".
- Top Clean Trend doormats: when ordering, always indicate the length of the strips and the walking direction (see figure 2).
- Supply of frame and doormat: when ordering a frame and doormat system, please indicate the outside dimension of the frame. From this dimension we take off about 10 mm for the final dimension of the doormat.

#### Example:

Measurements - doormat only 1090x690

Measurements - frame exterior 1100x700

"Well" measurement for in-floor installation 1110x710

As you can see, the well is 1cm larger in comparison to a frame measurement.

Once installed, a 5mm space will remain between the floor and the frame that can be filled with concrete grout.

Furthermore, the thickness of the frame, (3mm in almost all cases) in comparison to the bottom of the well, once installed will have a 3 mm difference in level that must be compensated for using self-levelling mortar. This passage makes the doormat resting surface flat and levelled.

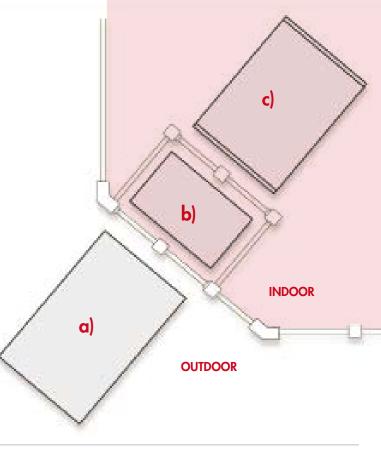
- Frame already in place: when a frame is already fitted, indicate its inner dimensions. From this dimension we take off about 10 mm for the final dimension of the doormat.
- Water drainage: when installing frames outdoors, it will be necessary to install a water outlet for drainage (for instance, by making an opening in the floor).
- Heavy-duty: for entrance areas with heavy foot traffic such as at airports, supermarkets, shopping centres etc. we recommend our Top Clean Stabil doormats which can fully withstand the wear.
- Custom made production: for custom made items, we advise a special template in PVC, which is not sensitive to atmospheric agents and keeps its exact dimensions.

**Attention**: do not fold the template, just roll it. The upper part of the template and the walking direction are to be shown. Only by receiving exact data can a tailor-made doormat be produced.



## IDEAL SOLUTION

- a) Outdoor area for dirt and dampness collection (see page 23)
- **b)** Middle area for collecting dirt and moisture (see page 16)
- c) Inner area for general cleaning





#### Some examples of correct and incorrect divisions

**a** Strip lengths

**b** Walking directions

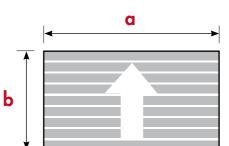


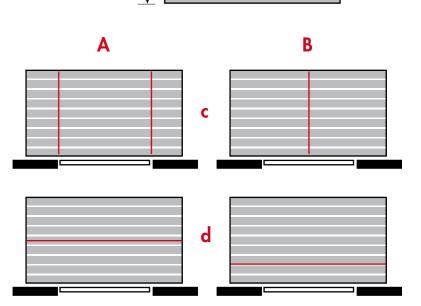
**B** INCORRECT

c split along the length of the strip

**d** split in the walking direction

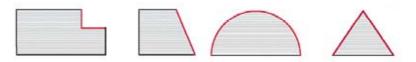
The manufacturer recommends, if possible, splitting the doormat in the walking direction.







The red lines correspond to the surcharge for the cutouts in the doormats or frames.











Coarse type ribbed carpet colours for height 17,22,27 mm











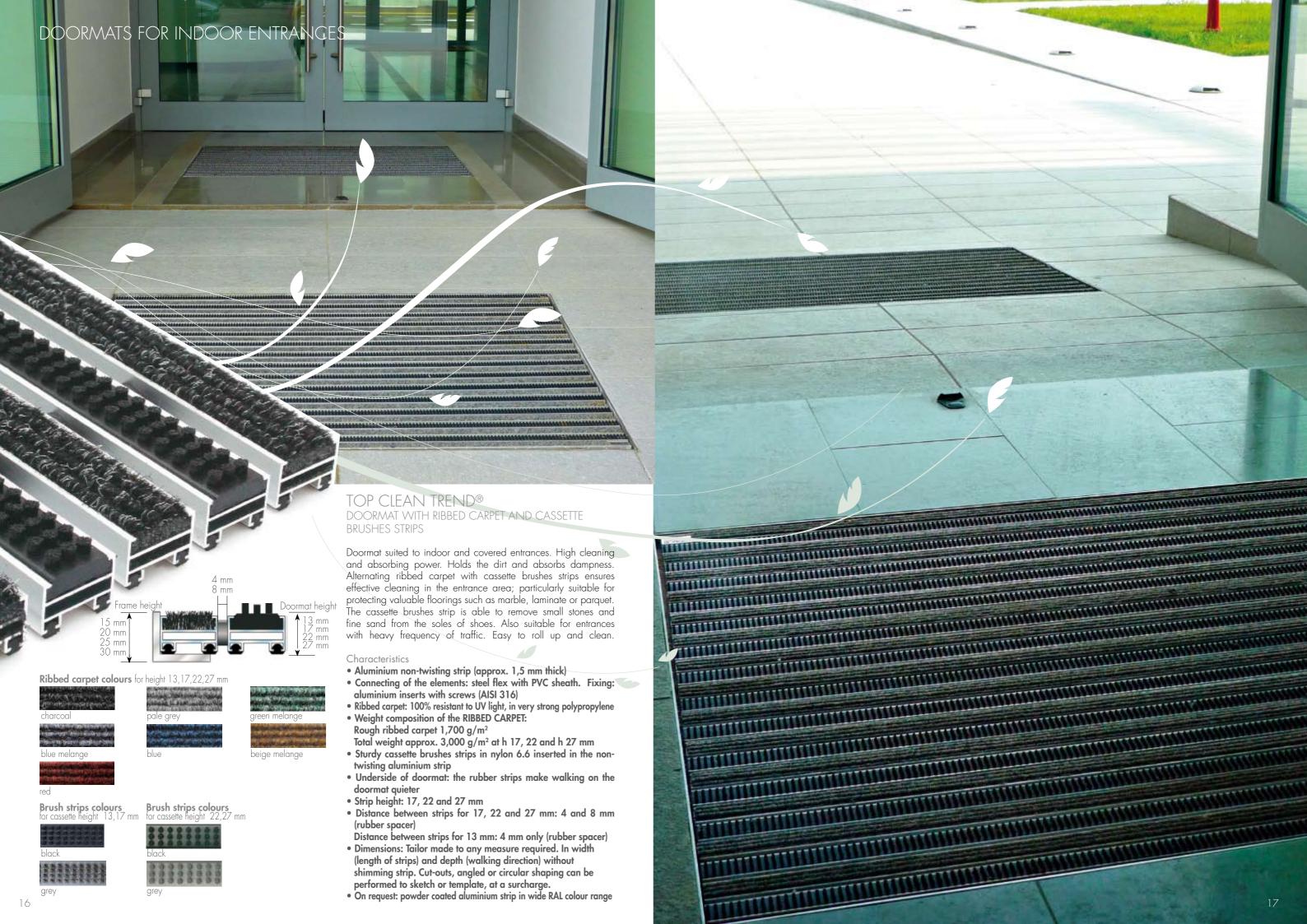




- aluminium inserts with screws (AISI 316)
- Ribbed carpet: 100% resistant to UV light, in very strong polypropylene
  Weight composition of the ribbed carpet: Fine ribbed carpet 900 g/m²
  Total weight approx. 1,250 g/m² at h 10 mm Rough ribbed carpet 1,700 g/m<sup>2</sup> Total weight approx. 3,000 g/m² at 17, 22 and h 27 mm Underside of doormat: the rubber strips make walking on the doormat quieter

- Strip height: 10, 17, 22 and 27 mm
  NB: C) for strip height 17, 22 and 27 mm, strip spacing 4 and 8 mm
  for strip height 10 mm, strip spacing 4 mm and not perforated (no inner
- Dimensions: Tailor made to any measure required. In width (length of strips) and depth (walking direction) without shimming strip. Cut-outs, angled or circular shaping can be performed to sketch or template, at a
- On request: powder coated aluminium strip in wide RAL colour range











Top Clean Stabil is the heavy duty version of Top Clean Trend and is specifically designed for areas of heavy foot traffic such as supermarkets, department stores or airport terminals. Sturdy, easy to roll up and clean.

#### Characteristics

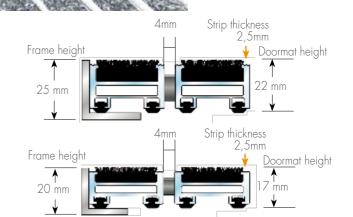
- Aluminium non-twisting strip (2,5 mm thick)
  Connecting of the elements: steel flex with PVC sheath. Fixing: aluminium inserts with screws (AISI 316)
- Underside of doormat: rubber strips make walking
- on the doormat quieter

  Ribbed carpet weights: Rough ribbed carpet 1700 g/m², total weight: ca. 3000g/m²

  Strip height: 17 and 22 mm
- Distance between strips: 4 mm (rubber spacer)
- Dimensions: Tailor made to any measure required. In width (length of strips) and depth (walking direction) without shimming strip.

  Cut-outs, angled or circular shaping can be performed to sketch or template, at a surcharge.

• On request: powder coated aluminium strip in wide RAL colour range



## Fabric colours









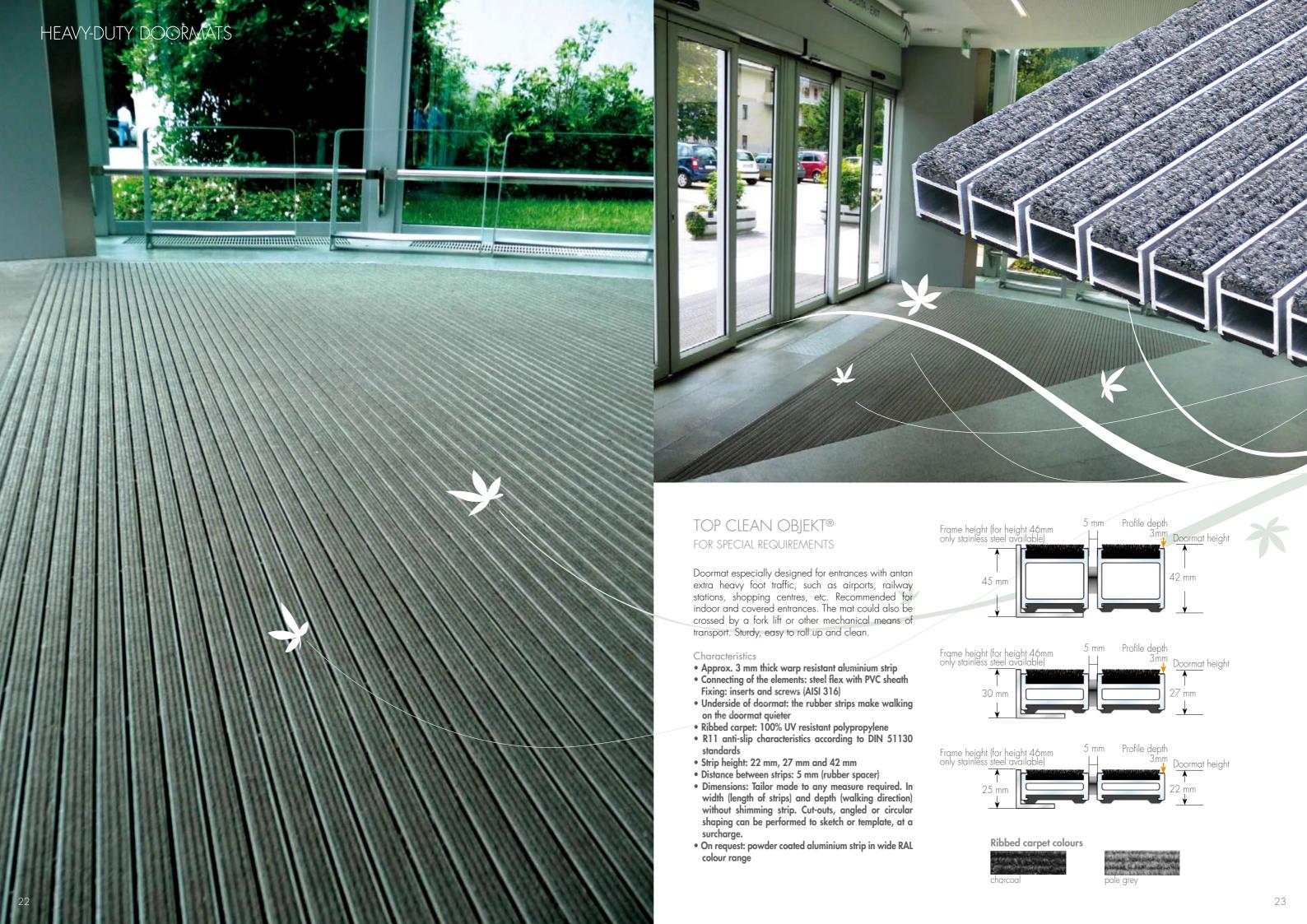






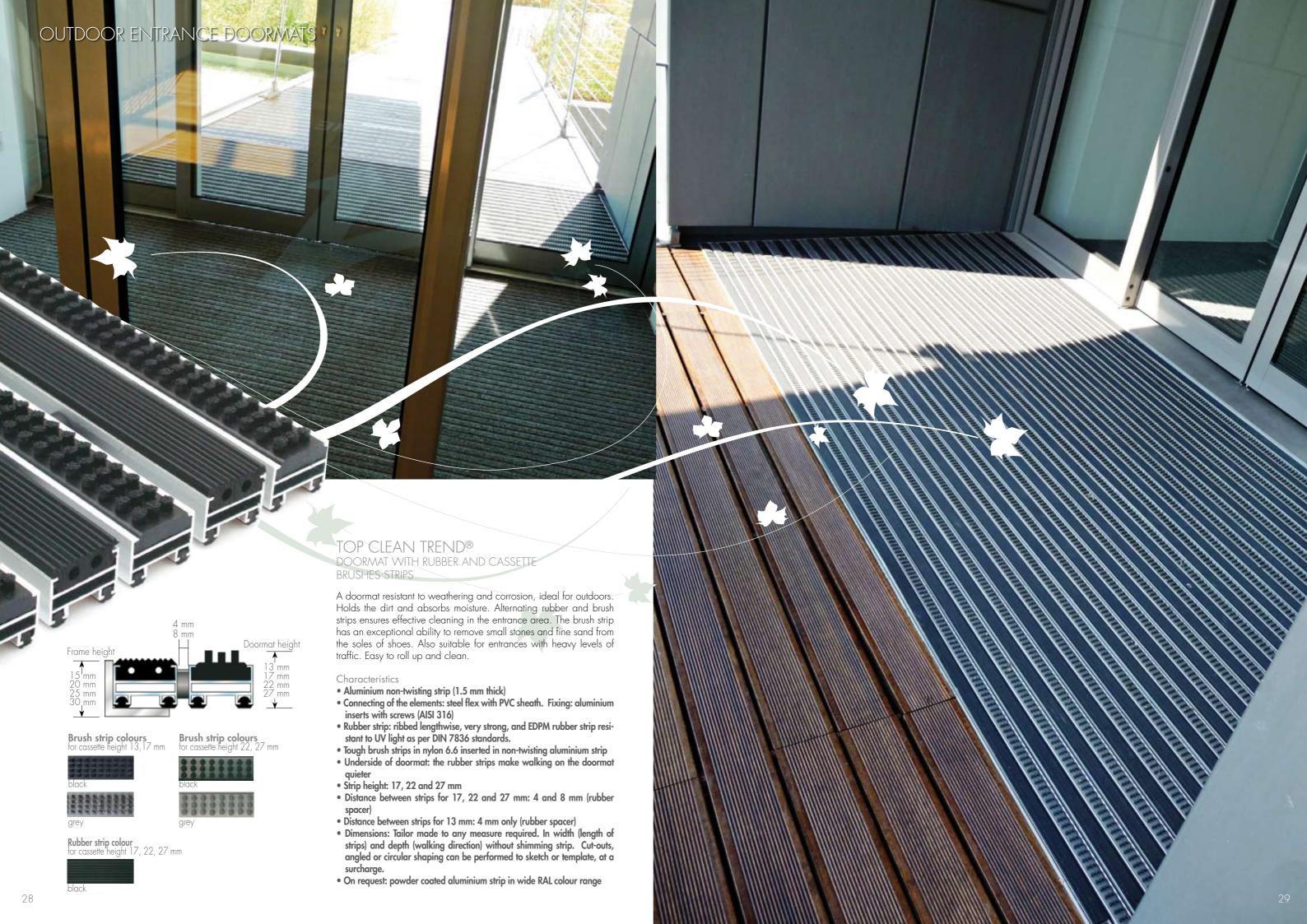
HEAVY-DUTY DOORMATS













- Characteristics

   Aluminium non-twisting strip (approx. 1 mm thick)

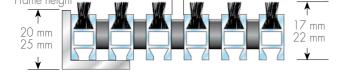
   Connecting of the elements: steel flex with PVC sheath. Fixing: aluminium inserts with screws (AISI 316)

   In between brushes in tough nylon 6.6 inserted in non-twisting
- aluminium strip

- Strip height: 17mm and approx. 22 mm

  Distance between strips: 4 mm (rubber spacer)

  Dimensions: Tailor made to any measure required. In width (length of strips) and depth (walking direction) without shimming strip. Cut-outs, angled or circular shaping can be performed to sketch or template, at a surcharge.
- On request: powder coated aluminium strip in wide RAL colour range



Brush strips colours











#### STANDARD SIZES Nominal size in cm Approx. weight kg 60x40 58,5x38,5 3,0 80x50 78,5x48,5 4,9 90x60 88,5x58,5 7,3 100x50 98.5x48.5 7,3 100x60 98,5x58,5 8,2 120x60 118,5x58,5 9.9 BASIC FORMATS 119x99 119x98,5 14,9 150x100 150x100 19,0

KARO AS® DOORMAT IN RUBBER HONEYCOMB

Material: solid rubber, resistant to scratching and

weather

**Surface:** honeycomb

**Underside:** 3 mm bumps (for draining the water)

Height: 22 mm Colour: black Base: closed, open

#### Characteristics

- High cleaning power, tough and easy to clean
- Particularly recommended for snowy and rainy areas

### **Custom production**

- in any size wanted
- glued in several parts
- in triangular, trapezium or round shape

**Round brushes:** see detailed description in the accessories

**Connecting elements:** in rubber, only for doormats with open underside

**Important:** when ordering, always give the final dimension of the doormats!

**Upon request:** Karo As® fire-resistant doormat according to EN 13 501-1 class Cfl - s1

# DOMINO® DOORMAT IN RUBBER HONLYCOMB

Material: solid rubber, resistant to scratching and

weather

**Surface:** honeycomb

Underside: 3 mm bumps (for draining the water)

only for height 22 mm Height: 18 or 22 mm Colour: black Base: closed, open

### Characteristics

- High cleaning power, tough and easy to clean
- Particularly recommended for snowy and rainy areas

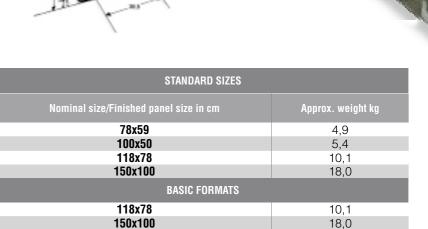
#### Custom production

- in any size wanted
- glued in several parts
- in triangular, trapezium or round shape

**Round brushes:** see detailed description in the accessories

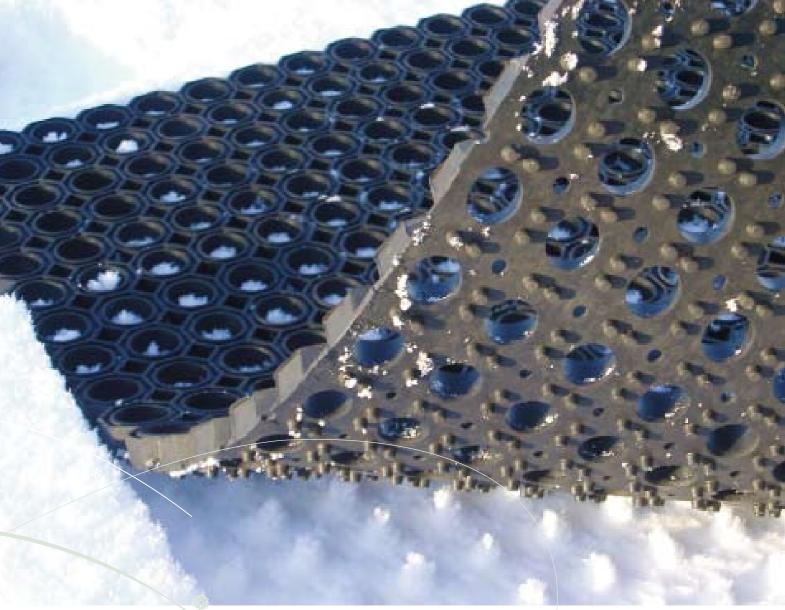
**Connecting elements:** in rubber, only for doormats with open underside

**Important:** when ordering, always give the final dimension of the doormats!



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# ECONOMIC THE DOORMAT FOR SNOW

Material: solid rubber, resistant to scratching and weather

Surface: honeycomb

**Underside:** approx. 5 mm bumps (for draining the water)

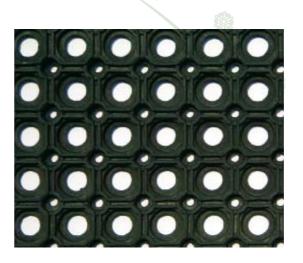
Height: 22 mm Colour: black **Size:** 150 x 100 cm

Base: open, hole diameter approx. 25 mm Weight: approx 17.5 kg each

Special sizes: on request

#### Characteristics

Recommended for ski-lifts and ski resorts generally
The holes sized approx. Ø 25 mm mean that snow can collect, a problem overcome by the bumps beneath which ensure proper drainage of the water without any problem.



# STANDARD DOORMAT IN RUBBER HONEYCOMB

Material: solid rubber, resistant to scratching and weather

Surface: honeycomb
Underside: approx. 5mm bumps (for draining the water)
Height of strips: 22 mm
Colour: black

Base: open

**Special** sizes: on request

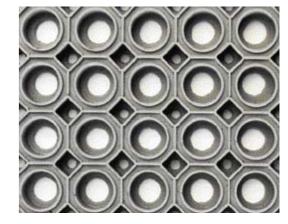
#### Characteristics

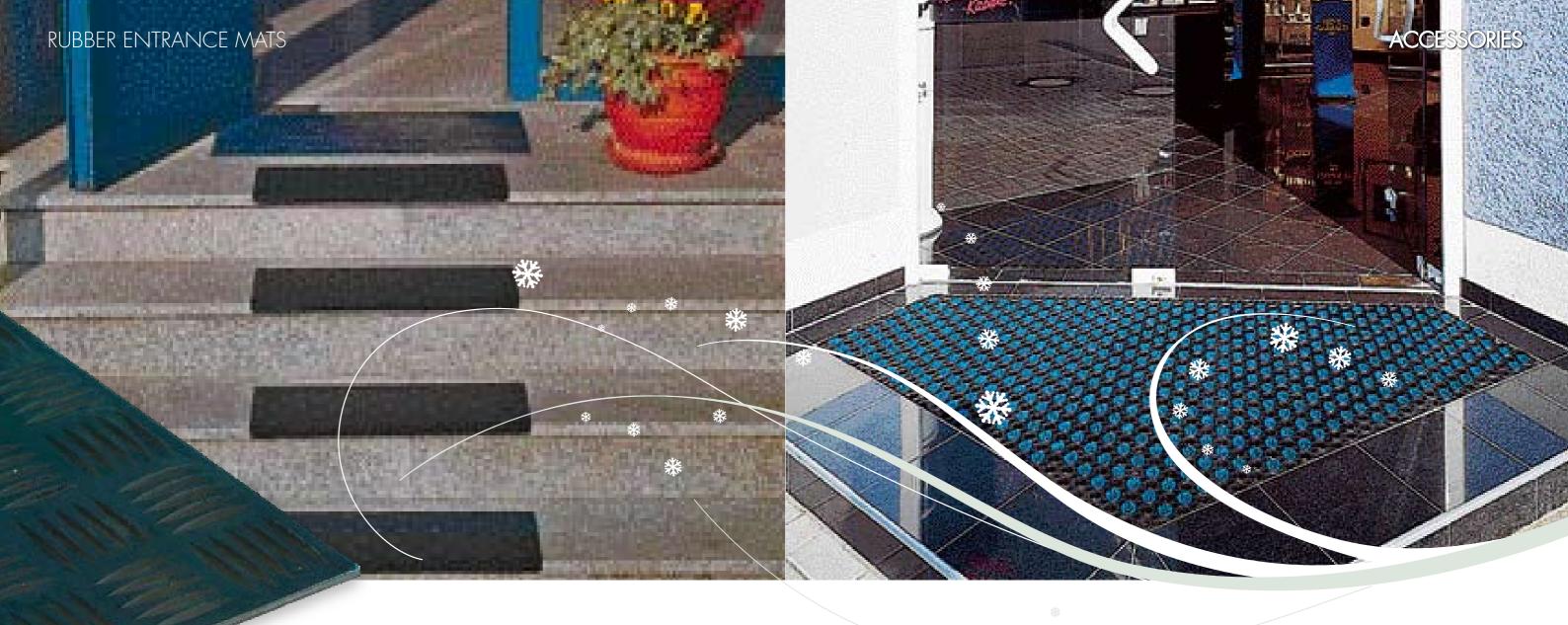
Mix of softer rubber than found in Domino. Particularly suitable for snowy and

# KARO AS EXTRA DOORMAT IN RUBBER HONEYCOMB

For technical description, see the KARO AS specification sheet. **Colour:** grey (can be altered by exposure to UV light) **Size:** only available in size 150x100 cm, open underside.

Not resistant to acids and oil. **Special sizes:** on request Weight: approx. 20 kg each





# SAFETY CROSS MAT FOR STAIRS

The SAFETY CROSS mat for stairs has a non-slip surface. It can be used both indoors and out. The performed shape protects the stairs. There is self-adhesive tape on the underside of the stair mat (attention: the stairs must be absolutely clean and free of dust).

**Important:** not suitable for stairs in pale natural stone!

Material: solid rubber
Surface: "safety-cross" profile
Underside: smooth / 1 adhesive tape

Mat depth: approx. 6.5 mm Size: 75 x 25 cm Weight: about 1 kg each EASYCLEAN ROUND BRUSHES

The round brushes can be manually inserted in the honeycomb rubber mats KARO AS or DOMINO without the need for special tools. When required, the round brushes can be easily fitted and replaced. Using the various colours available, personalised patterns can be created (also logos and text).

Material: the body of the brush is plastic, while the bristles are in nylon 6.6.

Colours: black, red, green, brown, yellow, blue or grey

**Quantity:** For rubber honeycomb mats such as Karo As, approx. 265 brushes per m<sup>2</sup>. For rubber honeycomb mats such as Domino (height 22 mm), approx. 313 brushes per m<sup>2</sup>.

# CONNECT RUBBER COUPLINGS

The special rubber couplings are for connecting together KARO AS mats or DOMINO mats in order to make larger sizes.

These can be easily inserted by hand and just as easily removed.

Material: black rubber





#### Rubber Colours

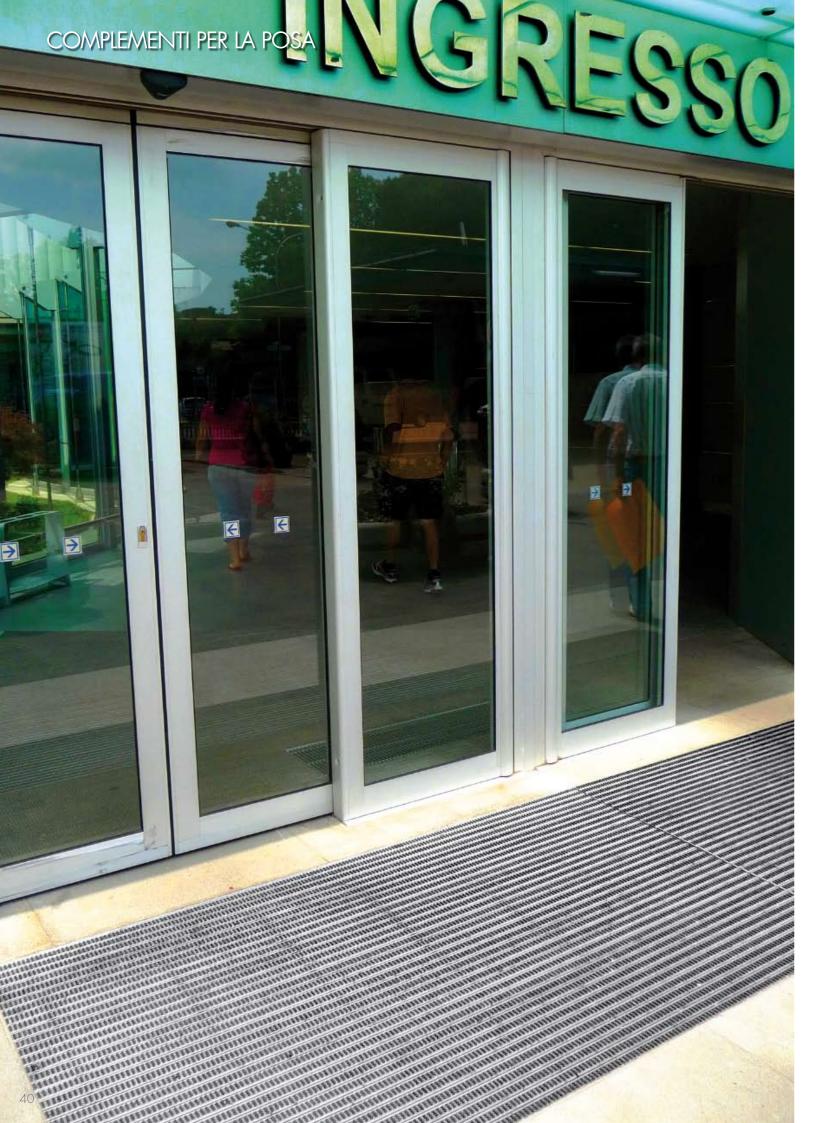










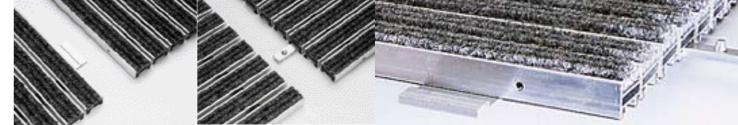


COUPLING ELEMENTS FOR DOORMATS with aluminium profile Top Clean Trend

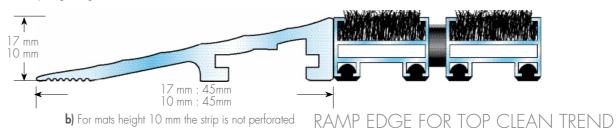
Doormats longer than 3 metres and/or weighing over 60 kg should be split into multiple pieces, otherwise they become difficult to handle and too heavy both for fitting and for cleaning.

To join the pieces there are aluminium couplings which can be fitted either horizontally or vertically.

The optical effect is perfect since the joints cannot be

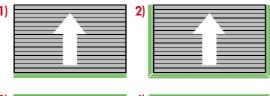


a) Ramp edge height

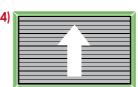


for installation without a frame

The special ramp edge is designed for Top Clean Trend, height 10 and 17 mm. It acts as a frame for the doormat and facilitates a safe passage for pedestrians as well as other wheeled traffic (ex. wheelchairs, baby carriages, etc.).







#### **Characteristics:**

- Aluminium non-twisting serrated stripSuitable for Top Clean Trend 10 and 17 mm
- On request: powder coated aluminium strip in wide RAL colour range.

a) Ramp edge height b) For mats height 10 mm the strip is not perforated

## Options for Ramp edge:

- 1) Ramp edge on one-side: the strip is connected to the doormat 2) Ramp edge on three sides: the strips are not connected to the doormat, but can be secured to the floor
- 3) Ramp edge on two sides: the strips are connected to the doormat 4) Ramp edge on all sides: the strips are not connected to the doormat, but can be secured to the floor

# INSTALLATION ACCESSORIES

# SPECIAL FRAMES

The special frames are recommended for all the Top Clean doormats. These ensure that the doormat fits exactly in the housing and simplify their removal for cleaning. The special frames offer the advantage that the frame, couplings and screws (see photo on left) are in the same material, thus avoiding the risk of corrosion.

#### Installing

When installing the special frames, it is necessary to make sure that they are flush with the floor. The floor itself must be perfectly flat to ensure that the doormat lies correctly. Important: when installing the doormat, the right height 1 must be assured!

• The corners are cut at a 45° angle which guarantees the correct locking by the special couplings supplied. To facilitate installation, lugs are placed (photo on left) at a regular distance for strips over 120 cm.

• Attention: the red corner strip – supplied – only acts as a guide (photo on left) to make sure the frame is installed correctly. Only in this way can the installing of the doormat be guaranteed to be free of problems.

#### **Characteristics:**

- Strips in aluminium, brass and stainless steel, 3 mm thick
- Height: 15, 20, 25, 30 and 45 mm
- Cutouts, angled or circular shaping can be performed to sketch or template, at a surcharge.
- On request: powder coated aluminium strips in wide RAL colour range



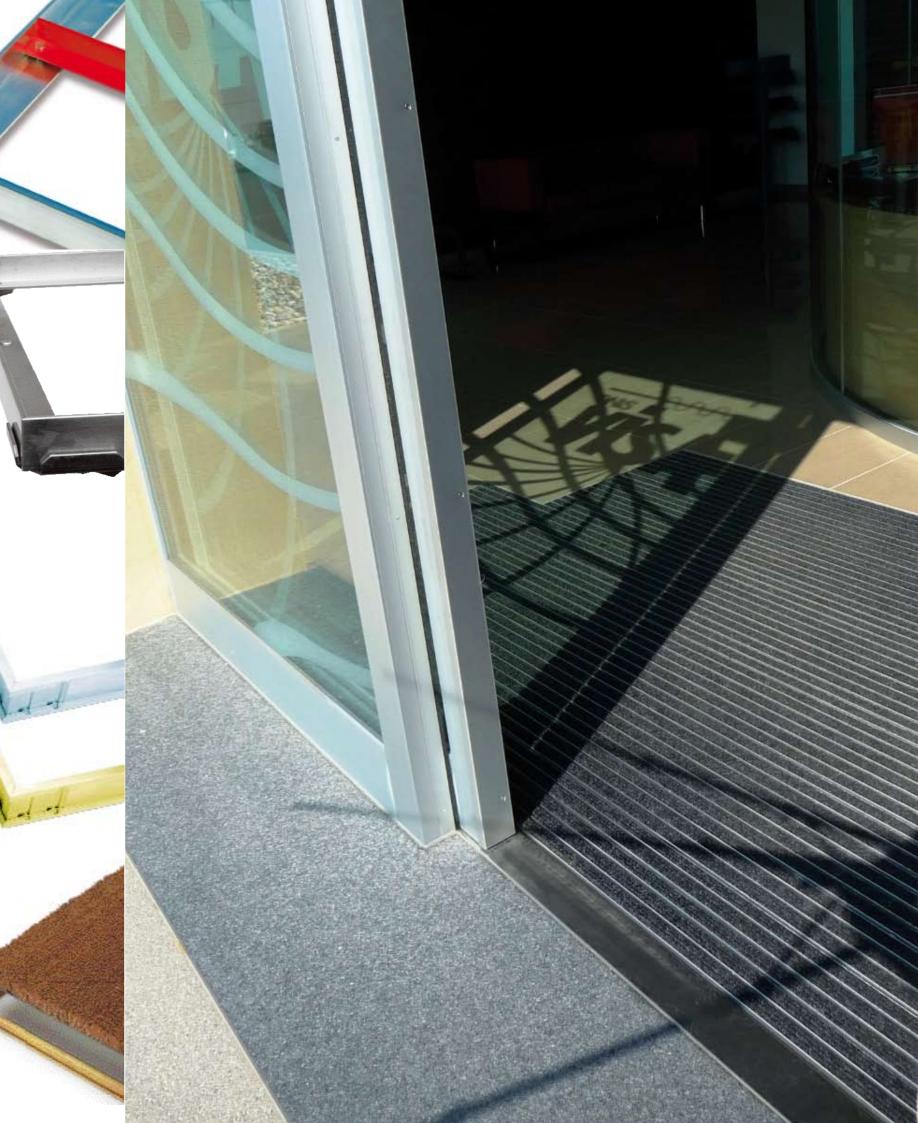
# FRAME SIZES

Special frames (cut at 45° angle and fastened by special couplings)

ALUN	FOR DOORMAT HEIGHTS							
Height	Width	Thickness mm	mm					
15	20	3	10					
20	20	3	17					
25	25	3	22					
30	30	3	27					
45 *	30 *	3 *	42 *					

<sup>\*</sup> For the aluminium frame only

S.	FOR DOORMAT HEIGHTS		
Height	Width	Thickness mm	mm
15	15	2	10
20	20	3	17
25	25	3	22
30	30	3	27





# CLEANING RECOMMENDATIONS

How long Top Clean doormats last depends on their cleaning, which should be done regularly. The dirt falls between the strips and accumulates at the bottom of the doormat. The frequency of cleaning depends on the extent of the dirt.

a) Fine dirt: vacuum the surface of the doormat as much as possible and/or roll up and remove the doormat in order to vacuum the dirt accumulated beneath.

b) Coarse dirt: after having vacuumed the doormat, roll up and remove it from the frame, and then remove the dirt from the underside of the mat. c) Damp dirt: after points a) and b), clean the doormat also using a high pressure cleaner. The doormat should be stood up so that, after a certain drying time (overnight if possible), the mat can be used once again. A commercially available floor cleaning machine can also be used for

Replacement of the ribbed carpet strips: cigarette butts, chewing gum and also oil stains are the enemies of doormats. So we have developed a system for replacing dirty or damaged ribbed carpet strips. The support structure remains, and the new ribbed carpet strips are glued on the back and replaced.



# RECOMMENDED PROCEDURE FOR REPLACING RIBBED CARPET STRIPS

Using a screwdriver, release and remove the end piece from the ribbed carpet strip.



Glue the new ribbed carpet strip with self-adhesive tape on the back into the aluminium strip and, if necessary, use a rubber mallet to knock into position.

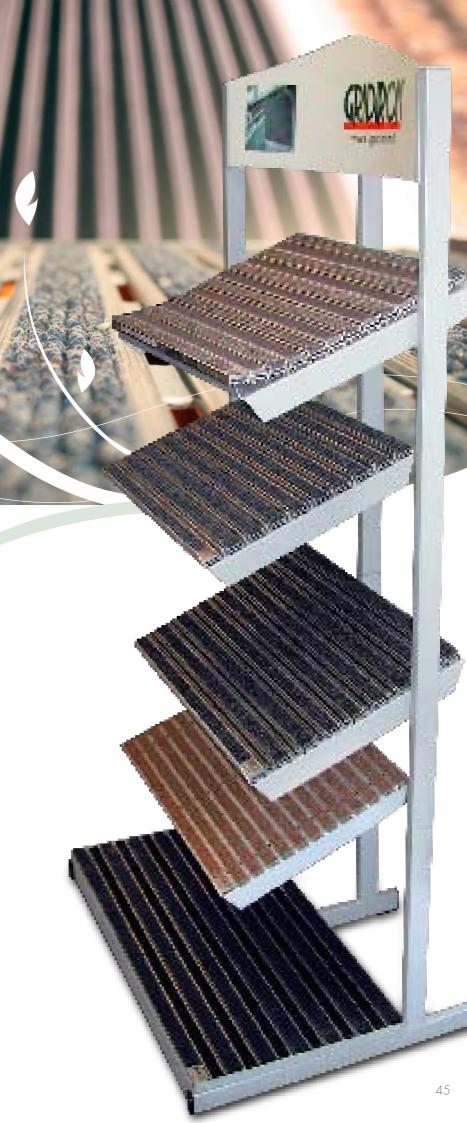


# DISPLAY STAND

The range of Gridiron doormats effectively satisfies all needs: the various solutions offered take into account the location of the doormat and its conditions of use.

For doormat sales points, Gridiron has designed and built a useful floor display stand that holds the various models.

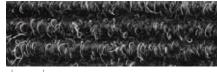
This makes it easy to compare the aesthetic and functional differences and select the best doormat in relation to the type of specific use and the required characteristics: indoor and covered entrances with limited or extra heavy of pedestrian traffic, cleaning easiness, ability to absorb water, necessity to protect valuable floors, etc.





# FINISHES

Rough ribbed carpet colours for height 13, 17, 22, 27, 42 mm







Fine ribbed carpet colours for height 10 mm

\* only for height 17, 22, 27 mm









beige melange

Narrow scraper

**Brush strip colours** for height 13, 17 mm





**Rubber strip colour** for height 17, 22, 27 mm

Brush strip colours for height 22, 27 mm



In-between brush colours for Brush doormats (see page 30)





**Rubber colours** for Safety Cross doormats (see page 38)









beige melange



blue melange





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	FOR/VI
Offer request	Order

Fill this form in and fax it back to +39.0438.492.545

maii. iiiloogiiaiioii.ii www.gii	anon.n			
Product name:				
Distance between strips:	4 mm	8 mm		
Strip height:	10 mm	17 mm 22 mm	27 mm	42 mm
Type of surface:				
Surface colour:				
Frame:	yes	no		
Type of frame:	aluminium	brass		stainless steel
outer fram		OUTER FRAME	DIMENSION	FINISHED DOORMAT DIMENSION (without frame)
strip length: walking direction:	mm mm		<b>b)</b> wal	length: mm king direction: mm
If possible, the doormat is product 60 kg) must be divided. To agree up				num aluminium strip length: 3000 mm, maximum weigh
PERSONAL DATA				
Company:		First and	d last name:	
Street address:		Postal code:	City:	
Telephone:		Fax:	E-mail:	
VAT no.:		Tax cod	e:	

NB.: ALL FIELDS MUST BE COMPLETED IN ORDER TO PROCESS YOUR REQUEST.



