

Asmat® Paspas Sistemleri



 **Asteknik**
Mühendislik
Çözüm Ortağınız



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DEFACTO Shops
(Turkey)



EMAAR SQUARE
(Turkey)



HALIC CONGRESS CENTER
(Turkey)



HALKBANK Branches
(Turkey)



ISTANBUL ATATURK AIRPORT
(Turkey)



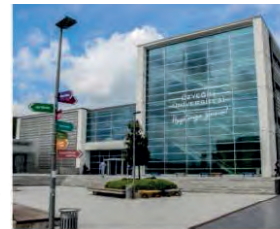
KADOIL Stations
(Turkey)



MALTEPE CEVAHIR HOTEL
(Turkey)



McDONALD'S Branches
(Turkey)



OZYEGIN UNIVERSITY
(Turkey)



PALLADIUM MALL
(Turkey)



PETROL OFISI Stations
(Turkey)



RAMADA HOTEL
(Turkey)



SELCUK ECZA HOLDING
(Turkey)



SURYAPI EKSEN
(Turkey)



MEMORIAL HOSPITAL
(Turkey)



TOSYALI HOLDING
(Turkey)



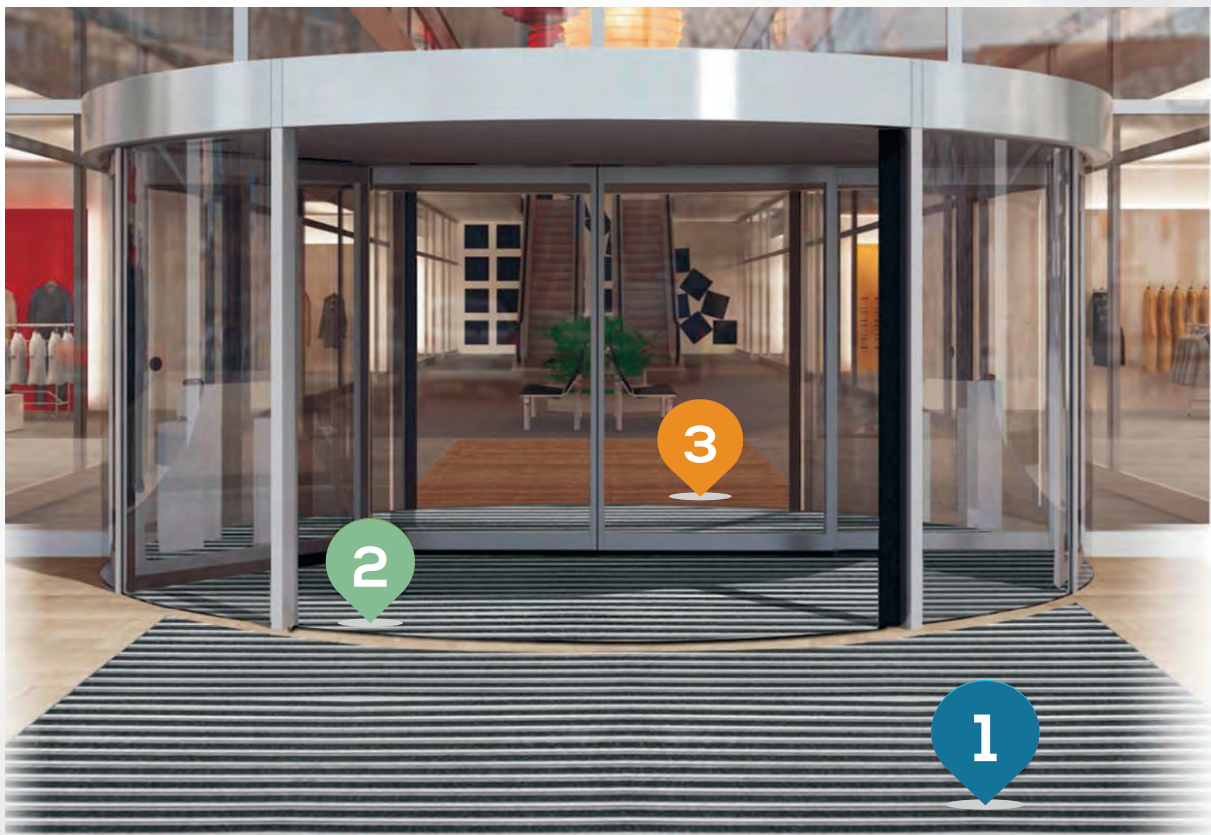
UMRANIYE SPORT CENTER
(Turkey)



ZIRAAT BANKASI
Branches
(Turkey)

Building entrances are considered as one of the most important parts of the facilities as they give the first impression to the visitors. Therefore they should be decorated aesthetically and functionally. Due to the bidirectional heavy pedestrian traffic, %80 of indoor pollution is formed by the dirt carried inside via entrances.

Asmat matting systems are manufactured both for indoor and outdoor usage to keep the dirt, dust and moisture outside the buildings. Our matting systems are designed with different insert combinations, dimensions and shapes as per the needs of locations and provide a complete cleaning solution and dry steps by reducing the dirt from coarse to light level. Properly configured systems help the establishments not only by preventing the slippery floor accidents, but also save time and money by lowering the cleaning costs. Durable aluminium profiles and rubber based inserts are manufactured weather-proof while rollable design helps for easy cleaning and saving at freight costs. Entrance mats are generally grouped as per their application areas:



Zone 1: Mostly outdoor area, exposed to rain, sun and severe winter conditions. Scraping and removing initial dirt, mud and moisture is required.

Zone 2: Transition area. Removing any left over dirt and mud before entering the interior space is required.

Zone 3: Indoor area. Cleaning and drying the remains of the dirt and wet before entering the interior floor coverings is required.

For Effective Cleaning at Outdoor Areas



For Effective Cleaning at Indoor Areas



For Effective Cleaning at Outdoor & Indoor Areas

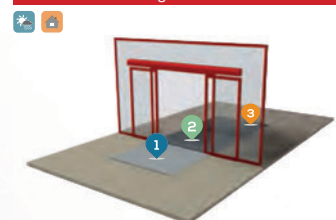




















































TABLE OF COMPONENTS

	Insert modules							Frames & Connectors					
	Base Profile	Rubber	Brush	Carpet	Scraper	Connector	Modular scraper						
ELEPHANT	 HPE	 L	 F	 H,H1,HZ	 A	 K C	 S	 HPS 2314 ELP	 HPS 4312 ETP	 BMB 2410	 HPS 3811	 HPS 3510	
HIPPO	 HPH	 L	 F	 H,H1,HZ	 A B	 K	 S	 HPS 2120 HLP	 HPS 3919 HTP	 BMB 4222	 BMB 2420	 HPSH 3620	 HPSH 4620
ANT	 HPA	 L	 F	 H,H1,HZ	 A	 K	 S	 HPS 3542 ALP	 HPS 4040 ATP	 BMB 4222	 BMB 2420		
DOLPHIN	 HPD					 K		 BMB 2410	 HPS 3515	 BSG 1515			
HIPPOWIDE	 HPW			 H,H1,HZ	 A B			 HPS 2120 HLP	 HPS 3919 HTP	 BMB 4222	 BMB 2420	 HPSH 3620	 HPSH 4620







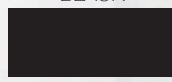
CARPET OPTIONS

	H RIBBED	GREY - BLUE 	GREY 	ANTHRACITE 
		LIGHT BROWN 	BORDEAUX 	YELLOW 
	H1 CORN TEXTURED	GREY 	YELLOW 	ANTHRACITE 
	HZ NON INFLAMMABLE	ANTHRACITE 		

RUBBER OPTIONS

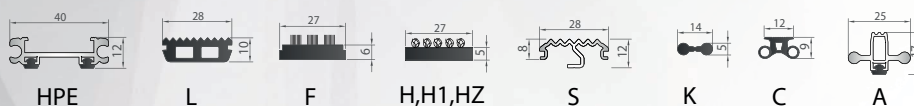
	L RUBBER	GREY 	BLACK 	RED 
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BRUSH OPTIONS

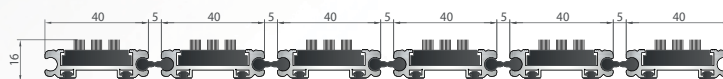
	F- HPD 2-3 ROW	GRAY 	BLACK 
		BLUE 	RED 
	B 1 ROW	BLACK 	



In Elephant Model matting system base profile is produced in aluminium in 13 mm height and 40 mm wide. By using different inserts and modules, the height goes up to 18 mm and the gaps between the modules are 5 /6/ 16 mm. Brush, carpet, rubber and modular scraper inserts are used in the base profile for different zone purposes. Also In Elephant model heel proof connector is a good option to avoid the ladies' shoe heels get jam in the connection gap.

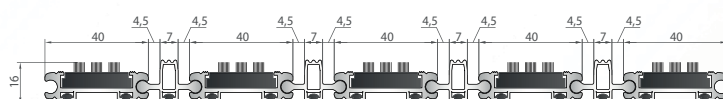


HPE F-K-F



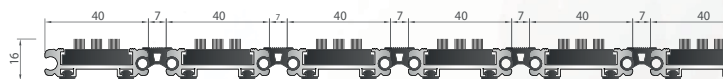
Brush-Connector-Brush

HPE F-A-F



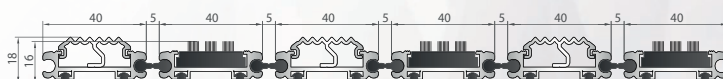
Brush-Scrapper-Brush

HPE F-C-F



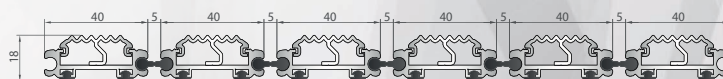
Brush-Heel Proof Connector-Brush

HPE S-K-F



M.Scraper-Connector-Brush

HPE S-K-S



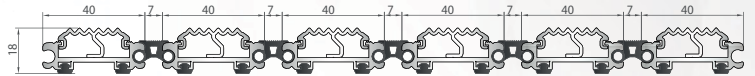
M.Scraper-Connector-M.Scraper

HPE S-C-F



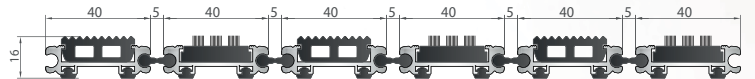
M.Scraper-Heel Proof Connector-Brush

HPE S-C-S



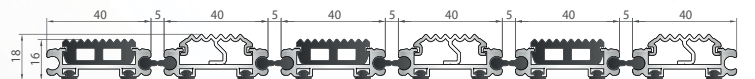
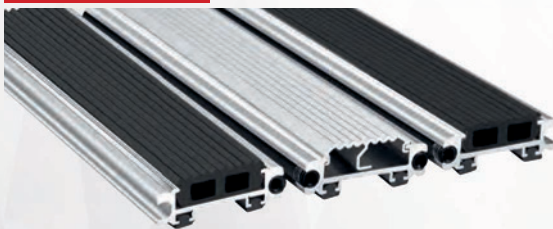
M.Scraper-Heel Proof Connector-M.Scraper

HPE L-K-F



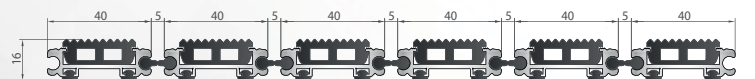
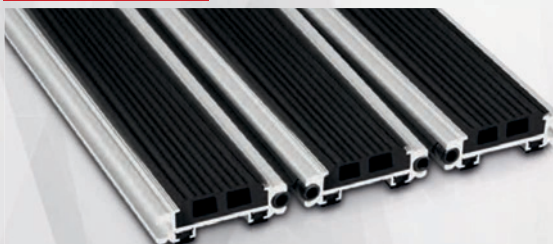
Rubber-Connector-Brush

HPE L-K-S



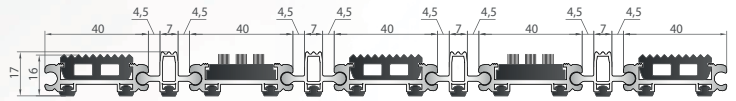
Rubber-Connector-M.Scraper

HPE L-K-L



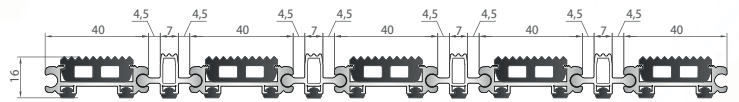
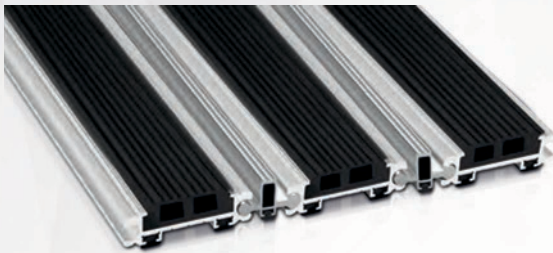
Rubber-Connector-Rubber

HPE L-A-F



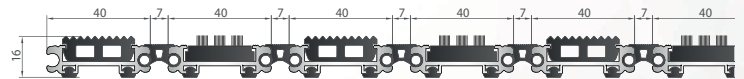
Rubber-Scrapper-Brush

HPE L-A-L



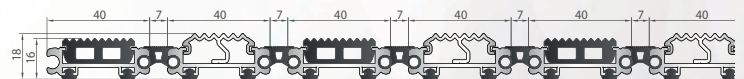
Rubber-Scrapper-Rubber

HPE L-C-F



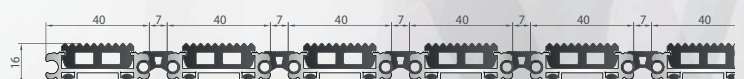
Rubber-Heel Proof Connector-Brush

HPE L-C-S



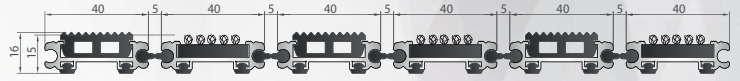
Rubber-Heel Proof Connector-M.Scraper

HPE L-C-L



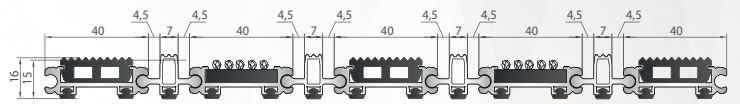
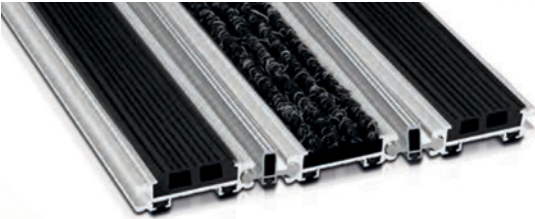
Rubber-Heel Proof Connector-Rubber

HPE L-K-H



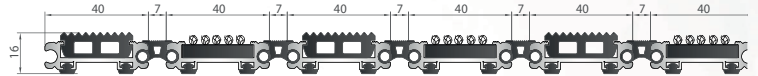
Rubber-Connector-Carpet

HPE L-A-H



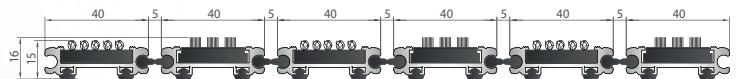
Rubber-Scraper-Carpet

HPE H-C-L



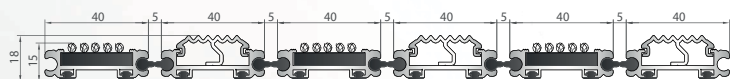
Rubber- Heel Proof Connector-Carpet

HPE H-K-F



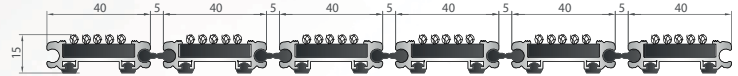
Carpet-Connector-Brush

HPE H-K-S



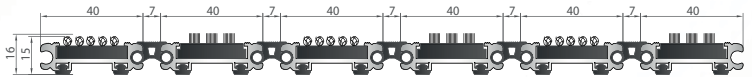
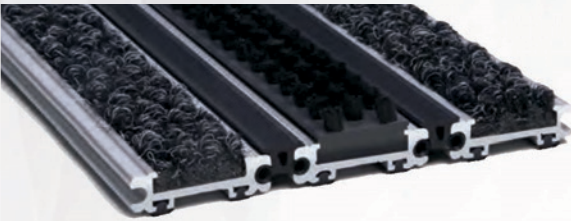
Carpet-Connector-M.Scraper

HPE H-K-H



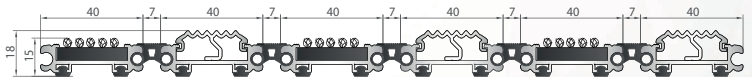
Carpet-Connector-Carpet

HPE H-C-F



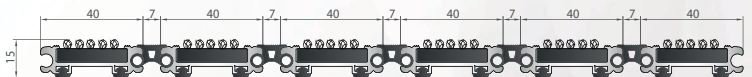
Carpet-Heel Proof Connector-Brush

HPE H-C-S



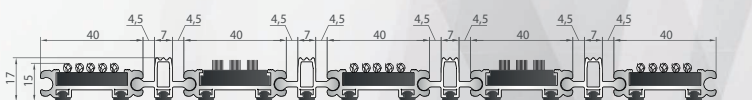
Carpet-Heel Proof Connector-M.Scraper

HPE H-C-H



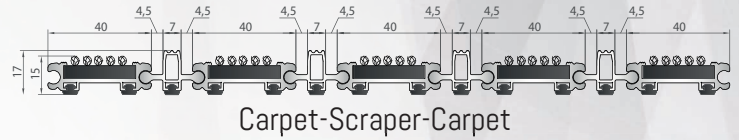
Carpet-Heel Proof Connector-Carpet

HPE H-A-F



Carpet-Scraper-Brush

HPE H-A-H

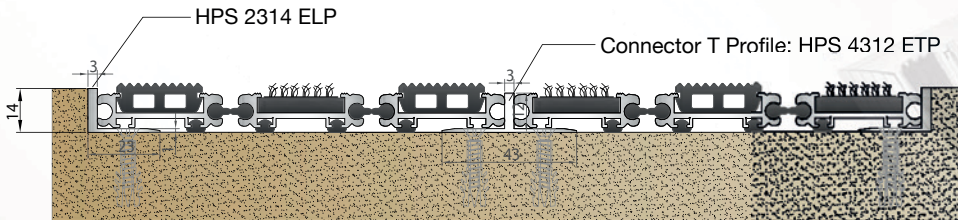


ELEPHANT FRAMES AND T PROFILES

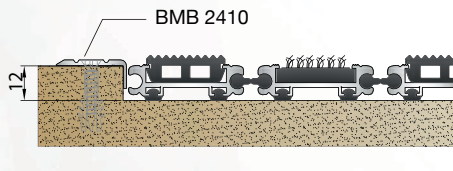
Recessed ELEPHANT frame and T profile:

Aluminum frame is at maximum 3 mt length. Recessed type frames function to form the uneven edges at recessed type matting application. T Profile is used to make a clean connection in the large surfaced mats.

In order to adjust the height, EPDM gasket is removed from one foot of the base profile.

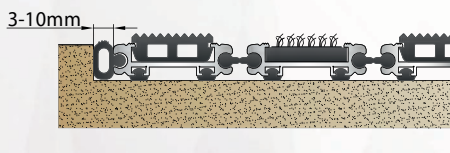


Pit Edge ELEPHANT frame :



Aluminum frame is at maximum 3 mt length. Surface mounted pit edge frames are used at the recessed type mats in order to to hide the uneven edges.

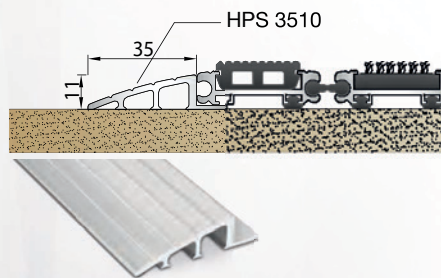
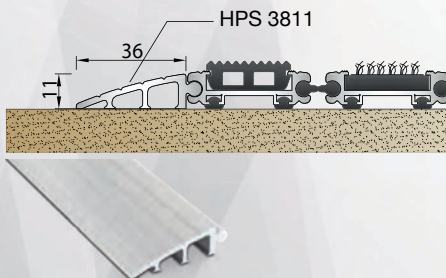
Gasket Frame:



A small EPDM gasket can be used to cover the small gaps without using an aluminum frame.

Ramp Edge ELEPHANT frames:

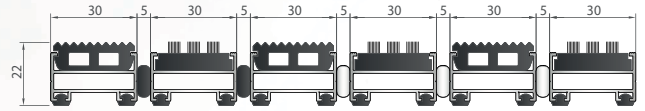
Aluminum frame is at maximum 4 mt length. Two different types are available on request for a clean finish edge at the surface mounted Elephant mats.





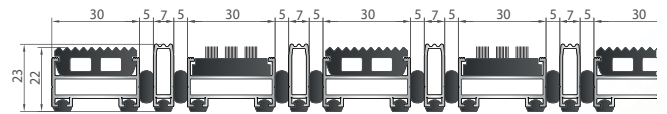
In Hippo Model matting system base profile is produced in aluminum in 19 mm height and 30 mm wide. By using inserts and modules, the height goes up to 23 mm and the gaps between the modules are 5/17/18 mm. Brush, carpet, rubber and modular scraper inserts are used for different zone purposes. In Hippo models rubber coated stainless steel wires are used as connector.

HPH L-K-F



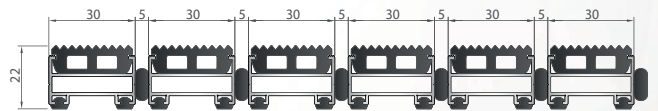
Rubber-Connector-Brush

HPH L-A-F



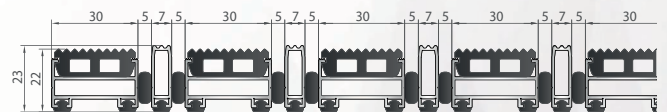
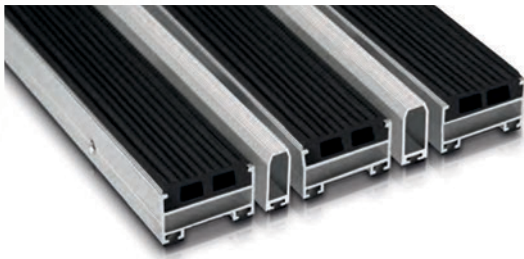
Rubber-Scraper-Brush

HPH L-K-L



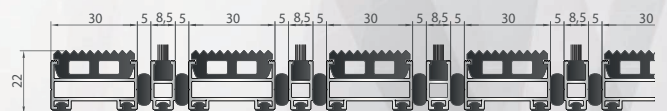
Rubber-Connector-Rubber

HPH L-A-L



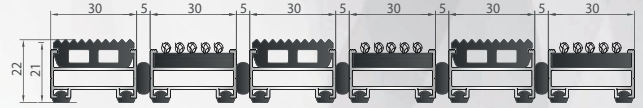
Rubber-Scraper-Rubber

HPH L-B-L



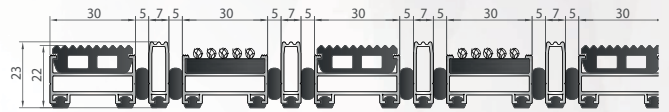
Rubber-Scraper-Rubber

HPH L-K-H



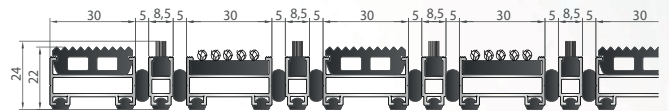
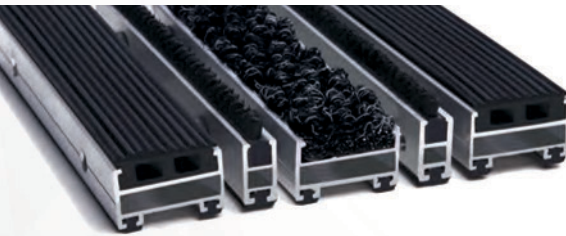
Rubber-Connector-Carpet

HPH L-A-H



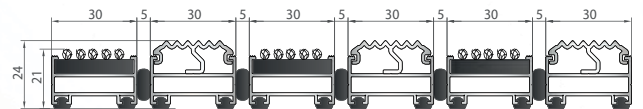
Rubber-Scraper-Carpet

HPH L-B-H



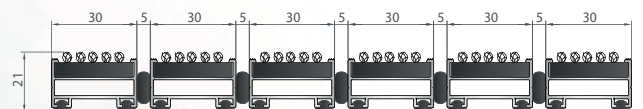
Rubber-Scraper-Carpet

HPH H-K-S



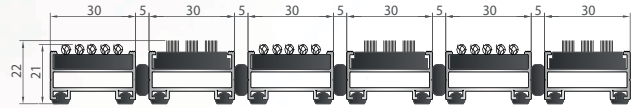
Carpet-Connector-M. Scraper

HPH H-K-H



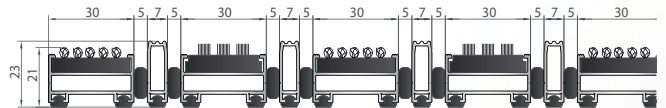
Carpet-Connector-Carpet

HPH H-K-F



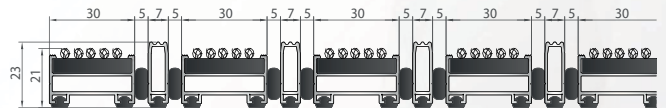
Carpet-Connector-Brush

HPH H-A-F



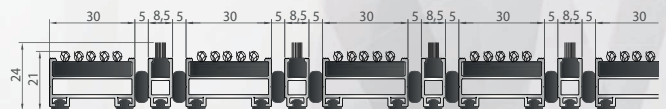
Carpet-Scraper-Brush

HPH H-A-H



Carpet-Scraper-Carpet

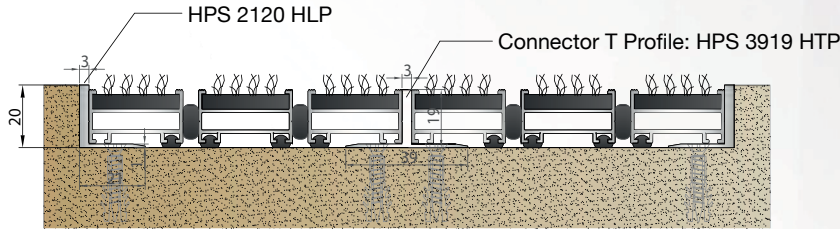
HPH H-B-H



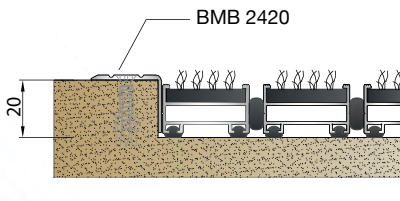
Carpet-Scraper-Carpet

Recessed HIPPO frame and T profile:

Aluminum frame is at maximum 3 mt length. Recessed type frames function to form the uneven edges at recessed type matting application.

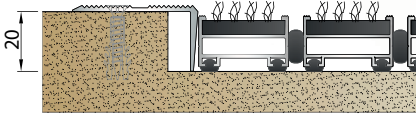
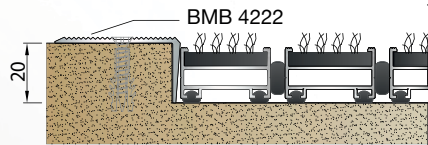


T Profile is used to make a clean separation in the large surfaced mats. In order to adjust the height, EPDM gasket is removed from one foot of the base profile.



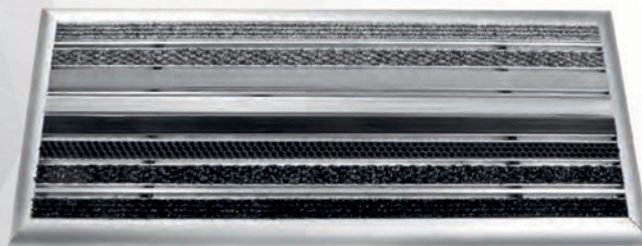
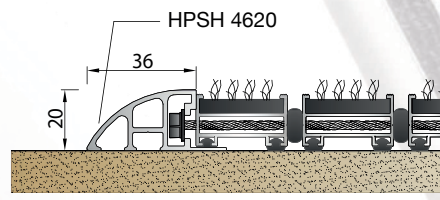
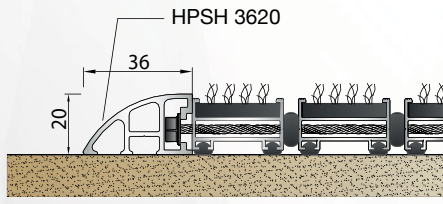
Pit Edge HIPPO frame :

Aluminum frame is at maximum 3 mt length. Surface mounted pit edge frames are used at the recessed type mats in order to hide the uneven edges and to cover the short gaps between the mat and the pond edge.



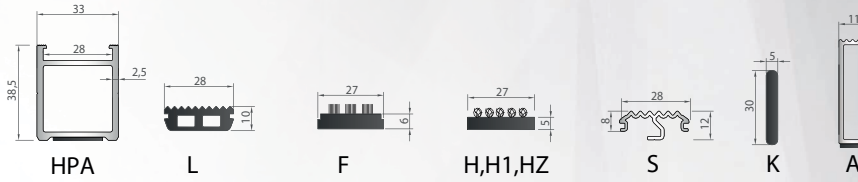
Ramp Edge HIPPO frames:

Aluminum frame is at maximum 4 mt length. Two different types are available on request for a clean finish edge at the surface mounted Hippo mats.

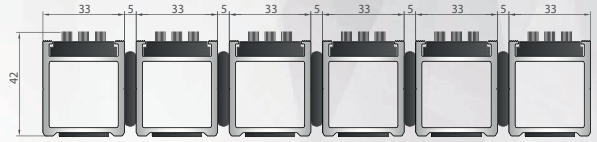




In Ant Model matting system, base profile is produced in aluminum in 38,5 mm height and 33 mm wide. 2,5 mm thickness of the Ant base profile allows the system to bear heavy loads. By using different inserts, the height goes up to 44 mm and the gap is always 5 mm. Brush, scraper, carpet, rubber and modular scraper inserts are used for different zone purposes. In Ant Model matting system, rubber coated stainless steel wires are used as connector.

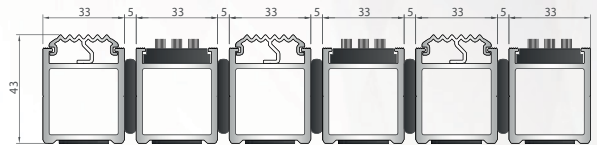


HPA F-K-F



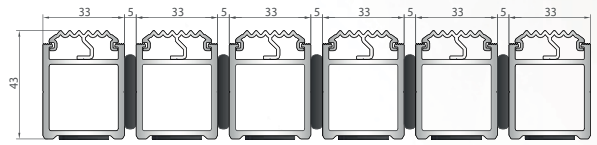
Brush-Connector-Brush

HPA S-K-F



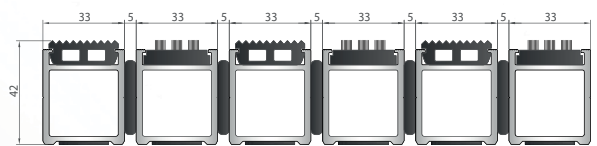
M.Scraper-Connector-Brush

HPA S-K-S



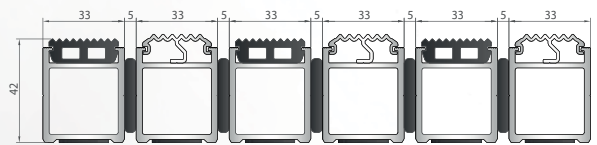
M.Scraper-Connector-M.Scraper

HPA L-K-F



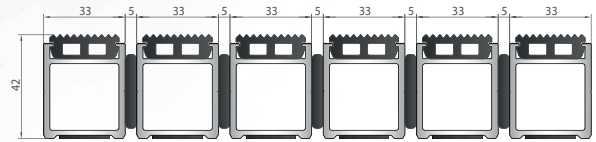
Rubber-Connector-Brush

HPA L-K-S



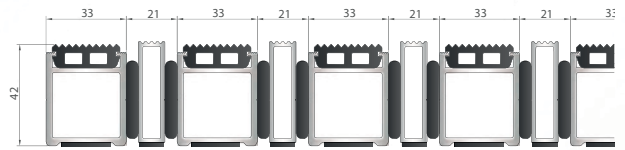
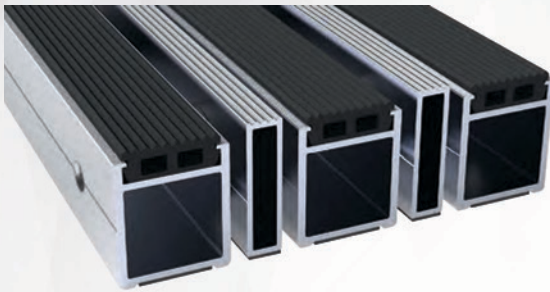
Rubber-Connector-M.Scraper

HPA L-K-L



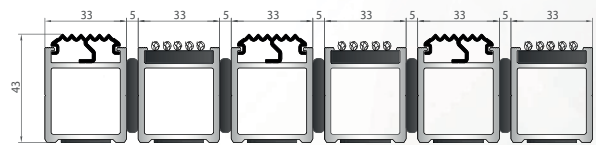
Rubber-Connector-Rubber

HPA L-A-L



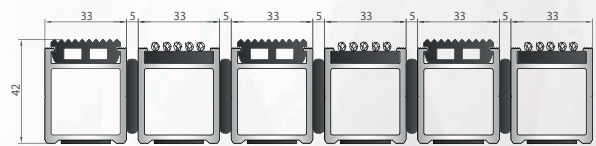
Rubber-Scraper-Rubber

HPA H-K-S



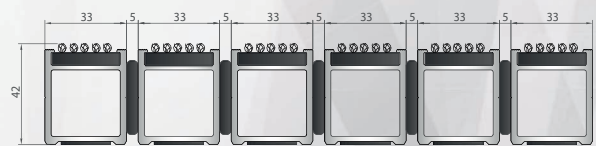
Carpet-Connector-M.Scraper

HPA L-K-H



Rubber-Connector-Carpet

HPA H-K-H



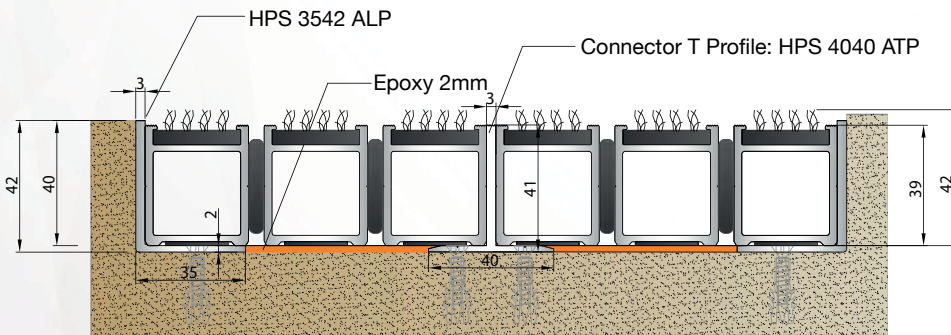
Carpet-Connector-Carpet



Recessed ANT frame and T profile:

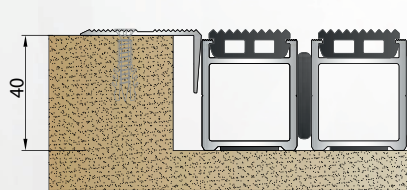
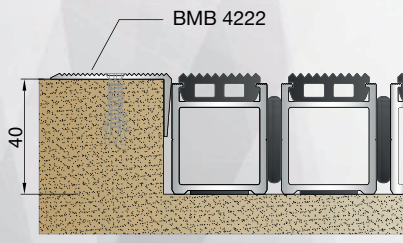
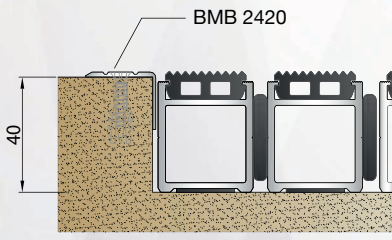
Aluminum frame is at maximum 3 mt length. Recessed type frames function to form the uneven edges at recessed type matting application. T Profile is used to make a clean separation at the large surfaced mats.

In Ant model recessed frame, to adjust the height of the system, firstly the recessed profiles are mounted on the floor, secondly the levelling is done with the 2 mm epoxy, and then the system is placed on the floor.

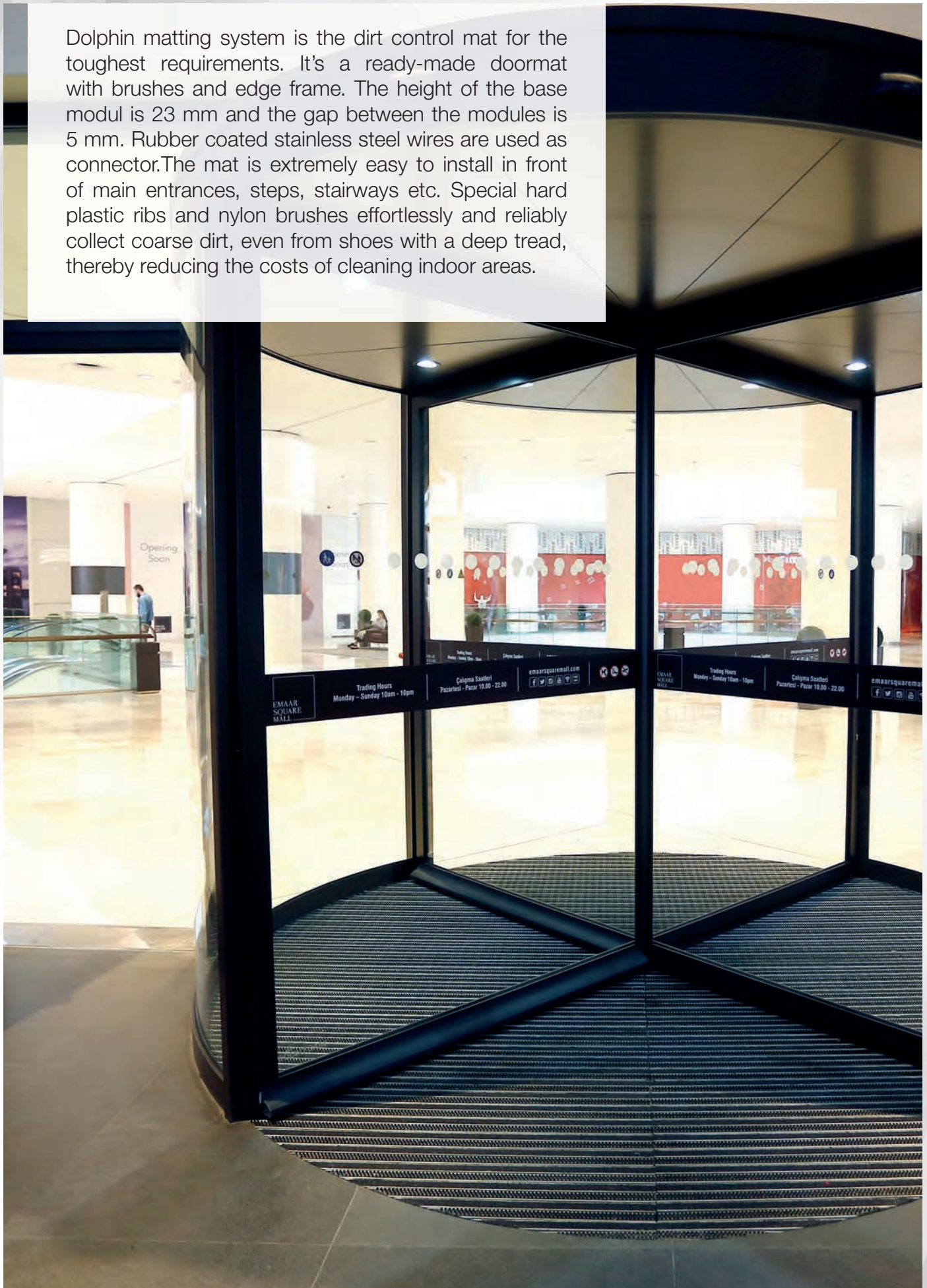


Pit Edge ANT frame :

Aluminum frame is at maximum 3 mt length. Surface mounted pit edge frames are used at the recessed type mats in order to cover the uneven edges and to fulfill the short gaps between the mat and the pond edge.



Dolphin matting system is the dirt control mat for the toughest requirements. It's a ready-made doormat with brushes and edge frame. The height of the base modul is 23 mm and the gap between the modules is 5 mm. Rubber coated stainless steel wires are used as connector. The mat is extremely easy to install in front of main entrances, steps, stairways etc. Special hard plastic ribs and nylon brushes effortlessly and reliably collect coarse dirt, even from shoes with a deep tread, thereby reducing the costs of cleaning indoor areas.





HPD



K



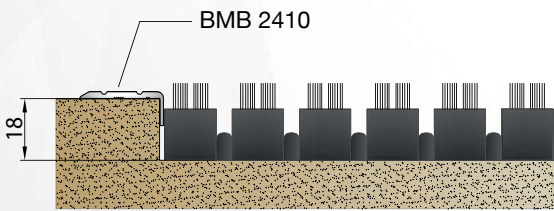
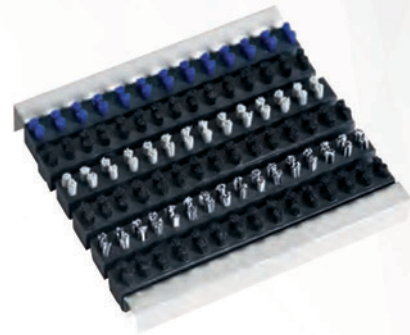
HPD F-K-F



Brush-Connector-Brush

- Elegant and high-quality design
- Specially for coarse dirt
- Ready to use

DOLPHIN FRAMES



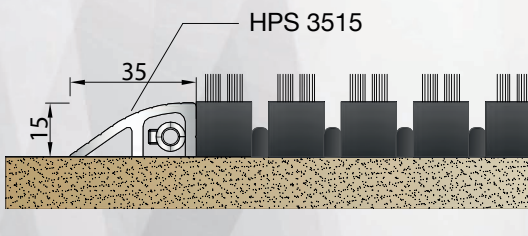
BMB 2410

Pit Edge DOLPHIN frame:

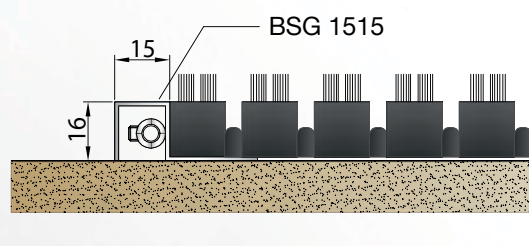
Aluminum frame is at maximum 3 mt length. Surface mounted pit edge frames are used at the recessed type mats in order to hide the uneven edges.

Ramp Edge DOLPHIN frames :

Aluminum frame is at maximum 4 mt length. Two different types are available on request for a clean finish edge at the surface mounted Dolphin mats.

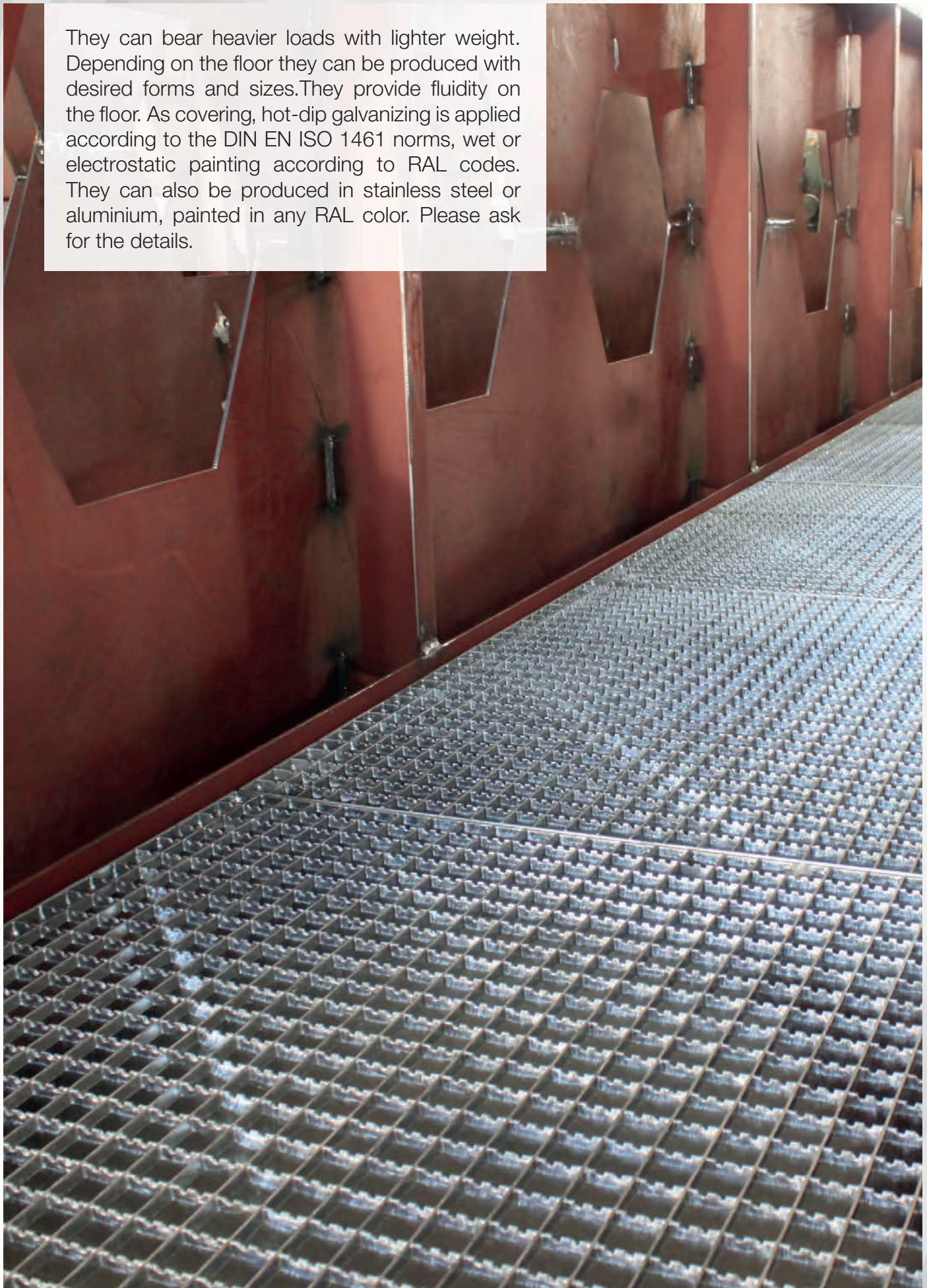


HPS 3515



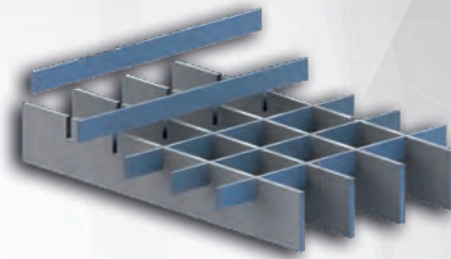
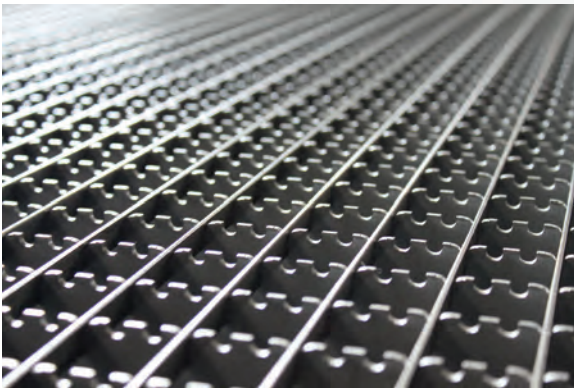
BSG 1515

They can bear heavier loads with lighter weight. Depending on the floor they can be produced with desired forms and sizes. They provide fluidity on the floor. As covering, hot-dip galvanizing is applied according to the DIN EN ISO 1461 norms, wet or electrostatic painting according to RAL codes. They can also be produced in stainless steel or aluminium, painted in any RAL color. Please ask for the details.



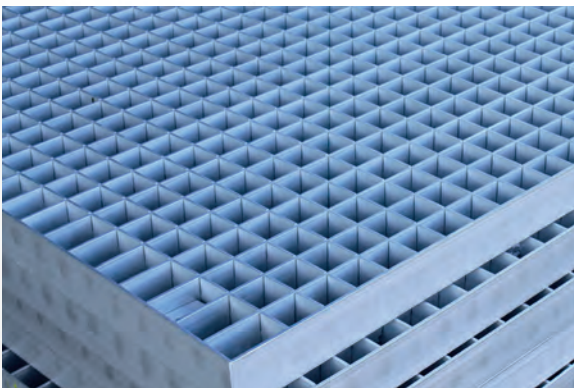


PRESS LOCKED GRATING



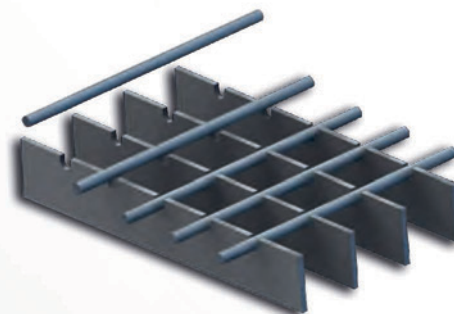
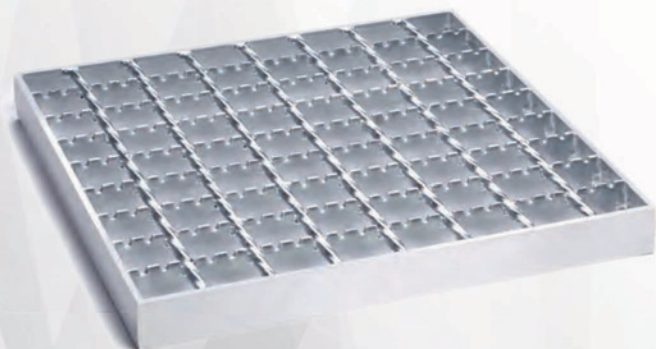
The gratings are manufactured by fitting connecting flat steels either with or without welding (through press-fitting technique). It's possible to enhance antislip feature with the option of notched surface.

FULL GRATING



The gratings are produced by flat steels securely fitting to each other and welded. Besides its carrying feature; since it looks exactly the same from both sides; it's also used for visual purposes.

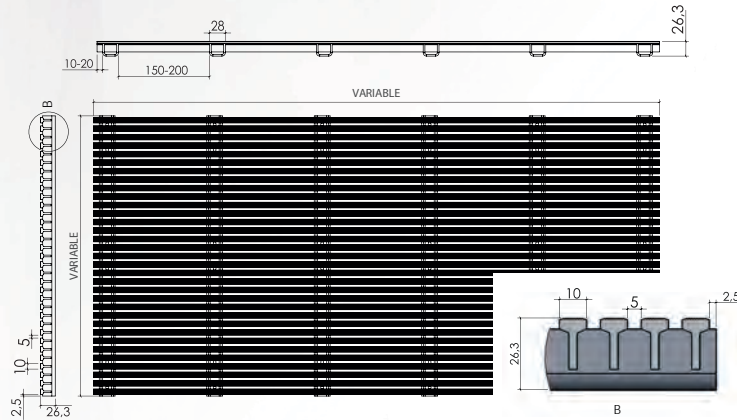
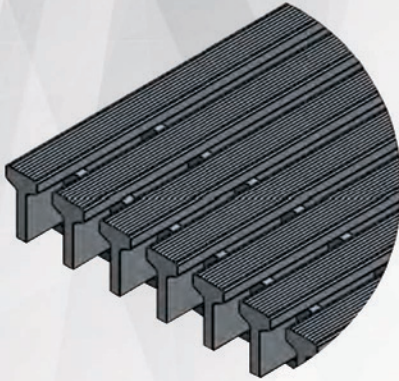
FORGE WELDED GRATING



In forge welded grating, connection feature is brought into carrying flat steels by welding round or screw bars. Grills are produced in 100x100 cm dimensions.



TACO MAT



Taco mats are well suited for both interior and exterior applications and are designed with a sculpted shape. The sculpted shape increases slip resistance and provide a walking surface that will remove debris, preventing dirt getting into the building by foot traffic. The completed assembly provides openings between tread rails to allow dirt and debris to be captured and keep the interior of your building safe and clean.

All styles feature:

- Clean architectural lines for an elegant, high-tech appearance
- Safe, heel-proof design
- All-weather durability and easy cleaning
- Gratings can be temporarily removed for thorough cleaning
- Excellent choice for applications involving wheeled equipment



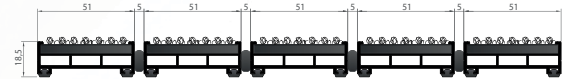
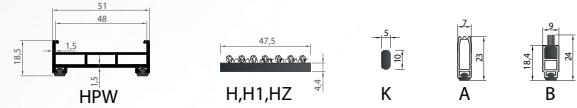
Logo mats are made of carpet strips placed into aluminum base profiles or the carpet itself whether with a rubber or an aluminum frame. Logo is printed with color alternatives by chromojet printing system.





LOGO MAT

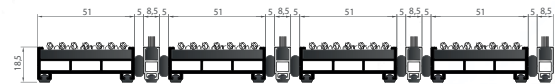
HIPPO WIDE



Carpet-Connector-Carpet



Carpet-Scraper-Carpet



Carpet-Scraper-Carpet

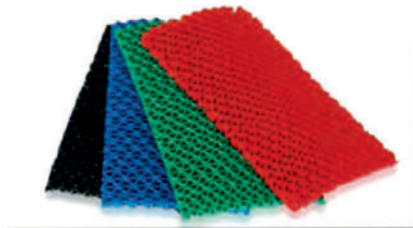
The Hippo Wide model is designed to be more effective for absorption of fine dirt and moisture through their extra-wide ribs. It visually enhances indoor and covered entrance areas and achieves a high cleaning effect. Hippo Wide modules are also more suitable for a logo mat since the visible carpet area is larger than the standard Hippo module.



WET FLOOR & RUBBER MATS



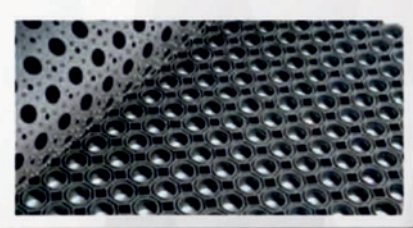
Zmat Wet Floor Mats



Curly Mat



Rubber Mat



Wavy Rubber Mat



Ribbed Carpet with Aluminum Frame



Regular maintenance and cleaning programme will help to extend the useful life of the matting systems. Cleaning frequency and the cleaning agents depends on the level of soiling.

Weak soiling:

Can be cleaned with a powerful vacuum cleaner. It is important to use a "wide-head" vacuum tool in order to maximize suction/cleaning power with the varying heights between the aluminum strips and the insert material. Inspect your recessed metal mat daily for chewing gum and remove before it becomes hardened and compacted. For small wet spills, use a clean cloth or absorbent material to soak up as much of the spill as possible.



Mid Soiling:

The pond needs to be cleaned as frequently as necessary to prevent a build-up of dirt and moisture under your roll-up mat/grid. After cleaning the surface of the mat with a powerful vacuum cleaner, the mat can be moved away for sweeping the bottom part with a broom and a mop. Be careful not to roll the mat too tight.



Heavy soiling:

If the mat is heavy soiled, the effective cleaning method is to use an on-site pressure washer. Clean mats, stand on to dry and replace in cleaned/disinfected recessed pond. Yet another method to periodically deep clean your mats is to take your mats or grids to a commercial car wash and use cleaning wand until mats are clean.



Important notes:

- * *Elephant matting system requires to be cleaned by vacuum mostly since it is a closed system. There is no need to remove the mat.*
- * *While cleaning the Ant matting systems, do not roll the mat since the system is heavy. Instead, use metal hook on both opposite sides which can be provided by Asteknik to hold and move away the mat easier.*

1) Identify where to use the mat.

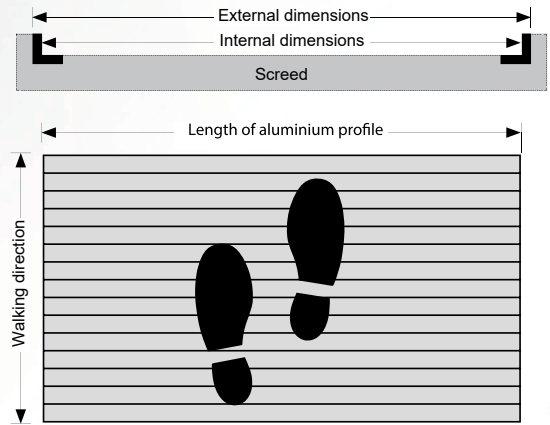
- Indoor/Outdoor?
- Which zone?

2) Type of the mat:

- Over the floor/ Recessed?

3) If the mat will be over the floor:

Determine the required size of the mat according to the number of modules and dimensions. Choose the appropriate ramp edge frame.



4) If the mat will be recessed:

Case 1: The pond is not opened yet :

The dimensions of the pond should be determined according to the desired mat's finished dimensions. Finished dimensions should be identified by calculating the number of modules and dimensions (or simply by looking at the 'Asmat Walking Way Dimensions Table'). The size of the pond should always be 2-3 mm bigger than the size of the mat at all edges, to ensure the expansion tolerance.

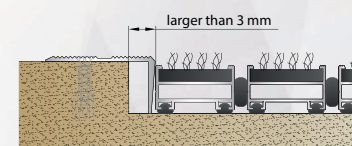
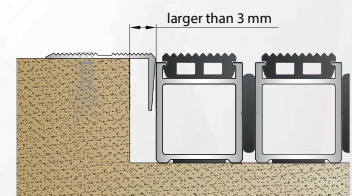
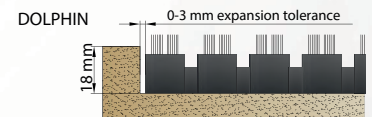
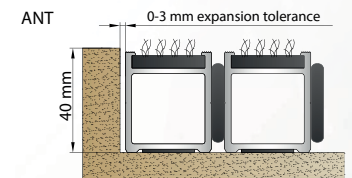
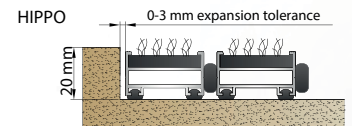
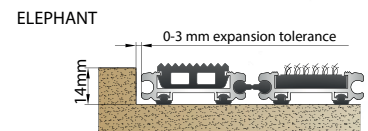
The depths of the ponds are recommended to be as follows:

- For Elephant : 14 mm
- For Hippo : 20 mm
- For Ant : 40 mm
- For Dolphin : 18 mm

Recessed L profiles are recommended to be used for a clean finish .

Case 2: The pond is already opened :

The size of the suitable mat should always be determined 2-3 mm smaller than the pond to ensure the expansion tolerance. If there's a bigger gap than 2-3 mm between the mat and the pond, then the space can be filled by pit edge profiles.



5) Whenever possible, mats will be produced in one piece. For mats larger than 2,5 mt. and heavier than 50 kg , the mat will be divided. In the division lines T profiles are recommended to be used for clean finish and durability. The division line should not be in the center of the walking direction.



28 MALL
(Azerbaijan)



AMERICAN SCHOOL OF C.SCIENCE
(United Arab Emirates)



BAKU CONVENTION CENTER
(Azerbaijan)



BAYNUNAH ACADEMIC COMPLEX
(United Arab Emirates)



DANAT AL EMARAT HOSPITAL
(United Arab Emirates)



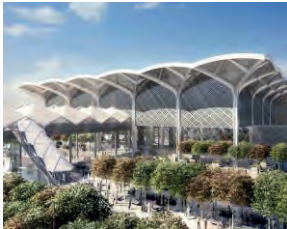
DEIRA FISH MARKET
(United Arab Emirates)



GASCO HABSHAN PROJECT
(United Arab Emirates)



HARAMAIN HIGH SPEED RAILWAY MADINAH STATION
(Saudi Arabia)



HARAMAIN HIGH SPEED RAILWAY MAKKAH STATION
(Saudi Arabia)



INTERNATIONAL SCHOOL OF C.SCIENCE
(United Arab Emirates)



THE GREEN PLANET
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