



COMPLETE MATTING SOLUTIONS

THE ULTIMATE MAT

ALUMINIUM ENTRANCE MATS



Durable • Long-Lasting • Precision Engineered • Low Maintenance

THE ULTIMATE DIRT CLEANING SYSTEM

CUSTOM DESIGNED ENTRANCE MAT SYSTEMS





THE ULTIMATE MAT



PRESERVATION OF PROPERTY VALUE BY KEEPING DIRT OUT OF THE BUILDING, REDUCING WEAR ON FLOORS, CARPETS AND ESCALATORS.



REDUCES CLEANING COSTS AND CLEANING EQUIPMENT WEAR, BY REDUCING THE FREQUENCY OF CLEANING.



SAFETY - REDUCES RISK OF PEDESTRIAN SLIPPAGE BY REDUCING WET, MUDDY AND DUSTY INTERNAL FLOORS.



EASY TO MAINTAIN AND DOES NOT REQUIRE FREQUENT MAINTENANCE.

What we enjoy outside is not necessarily what we enjoy inside. This is why it is so important to carefully separate what is external from what there should be inside when entering the building. If we choose an appropriate mat system, we will enjoy looking at clean floors for longer and save valuable time and money on cleaning.

THE ULTIMATE MAT has been designed to work in the harshest conditions. They effectively stop water, mud, stones, dust and dirt, even in places with very heavy pedestrian traffic. By using them, it is possible to limit the amount of dirt, dust, mud and water indoors by 80%, at the same time reducing the costs of cleaning and maintenance of floors inside the building.



80%

OF DIRT BROUGHT
IN FROM OUTSIDE
CAN STAY ON
FLOOR MATS



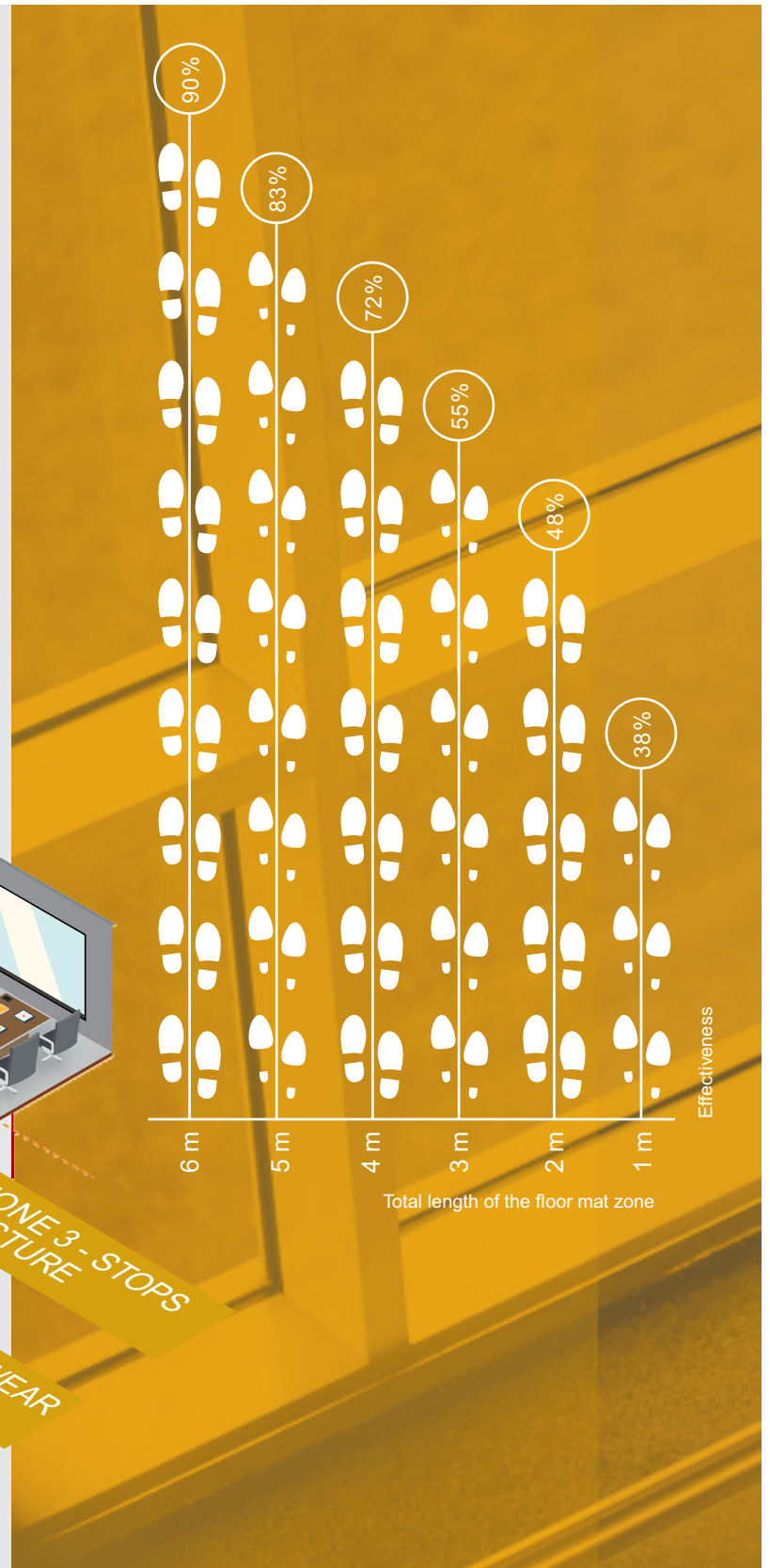
Best solutions

3-zone floor protection

An appropriate floor mat system should consist of at least two parts:

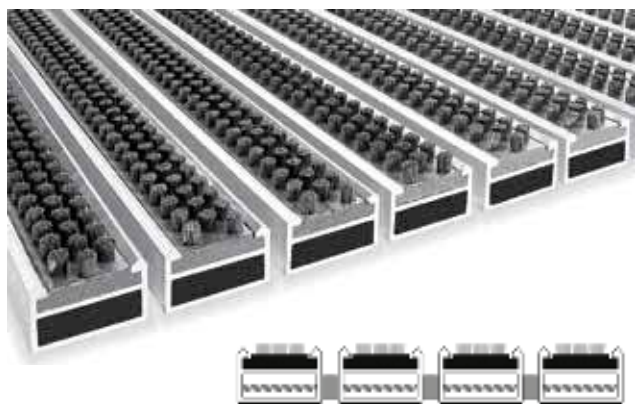
- ✓ **outdoor mats** - intended to remove hard impurities such as mud, stones and dirt.
- ✓ **indoor mats** - for drying shoes and removing sand, and light impurities.

The most effective floor mat system consists of 3 zones. The first and the second zone stops hard impurities such as mud, stones and dirt. The third zone mostly stops moisture, but is equally important because it enhances safety and prevents slips.



THE ULTIMATE MAT can be used in all 3 zones.

ULTIMATE SCRUB - BRUSH INSERT



Entrance mat with scrub cleaning inserts in aluminium profiles. Units/profiles are held together by stainless steel wire. Designed for entrances with normal (12 mm high) to heavy (17 or 22 mm high) pedestrian traffic and shopping trolleys (only for 22 mm high mats). Scrub cleaning inserts have a high mechanical strength and are resistant to moisture, corrosion & temperature changes.

For outdoor and indoor use.

Purpose: Removes mud, stones, and dirt.

Installation: Into a recess of suitable depth (12, 17 or 22 mm) or on its own base with aluminium ramp profile.

Mat heights: 12 mm, 17 mm, 22 mm.

Insert colours: Grey, black, brown.

Dimensions: As ordered.



SLIP RESISTANCE CLASS



FIRE CLASSIFICATION



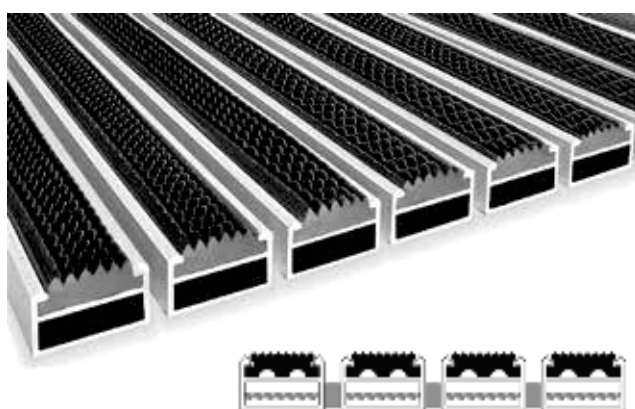
PZH CERTIFICATION



STRENGTH TESTS

DESIGNED FOR ZONE 1

ULTIMATE RUBBER - RUBBER INSERT



Entrance mat with rubber cleaning inserts in aluminium profiles. Units/profiles are held together by stainless steel wire. Designed for entrances with normal (12 mm high) to heavy (17 or 22 mm high) pedestrian traffic and shopping trolleys (only for 22 mm high mats). Rubber cleaning inserts have a high mechanical strength and are resistant to moisture, corrosion & temperature changes.

For outdoor and indoor use.

Purpose: Removes moisture, and dirt.

Installation: Into a recess of suitable depth (12, 17 or 22 mm) or on its own base with aluminium ramp profile.

Mat heights: 12 mm, 17 mm, 22 mm.

Insert colours: Grey, black, brown.

Dimensions: As ordered.



SLIP RESISTANCE CLASS



FIRE CLASSIFICATION



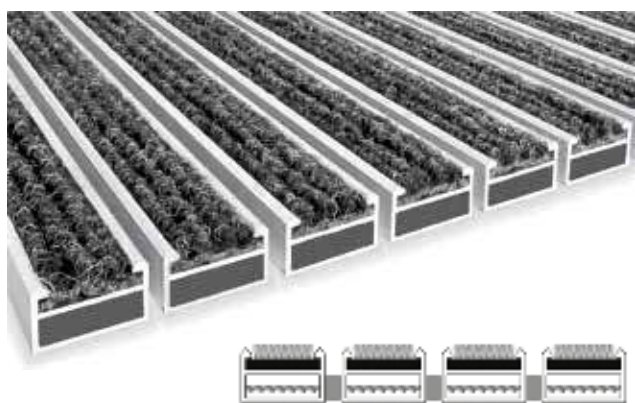
PZH CERTIFICATION



STRENGTH TESTS

DESIGNED FOR ZONE 2

ULTIMATE TEXTILE - TEXTILE INSERT



Entrance mat with textile cleaning inserts in an aluminium profile. Textile inserts are abrasion and compression resistant, and absorb moisture well. Units/profiles are held together by stainless steel wire. Designed for entrances with normal (12 mm high) to heavy (17 or 22 mm high) pedestrian traffic and shopping trolleys (only for 22 mm high mats). For indoor use only.

Purpose: Removes moisture, and dust.

Installation: Into a recess of suitable depth (12, 17 or 22 mm) or on its own base with aluminium ramp profile.

Mat heights: 12 mm, 17 mm, 22 mm.

Insert colours: Grey, black, brown.

Dimensions: As ordered.



SLIP RESISTANCE CLASS



FIRE CLASSIFICATION



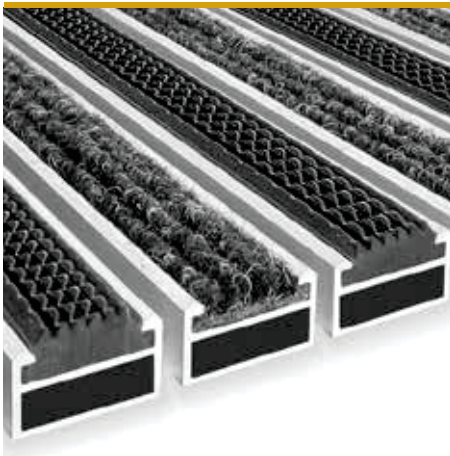
PZH CERTIFICATION



STRENGTH TESTS

DESIGNED FOR ZONE 3

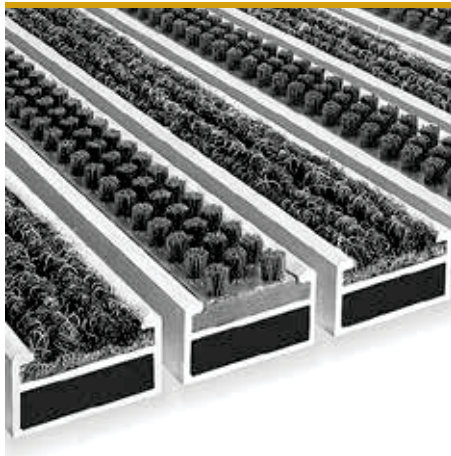
DIFFERENT KINDS OF MATS



ULTIMATE TEXTILE + RUBBER
(Indoor use)



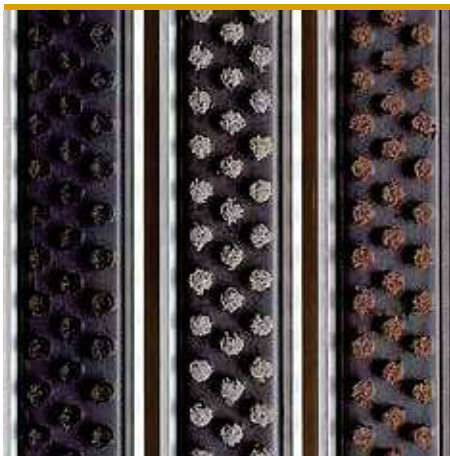
ULTIMATE RUBBER + SCRUB
(Indoor / Outdoor use)



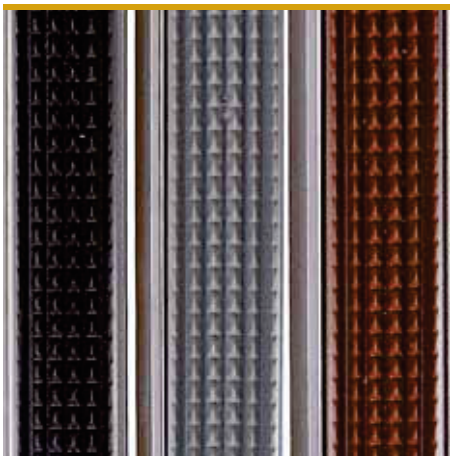
ULTIMATE TEXTILE + SCRUB
(Indoor use)

IDEAL FOR LESS THAN 3 ZONE MATS

INSERT COLOURS



BLACK + GREY + BROWN



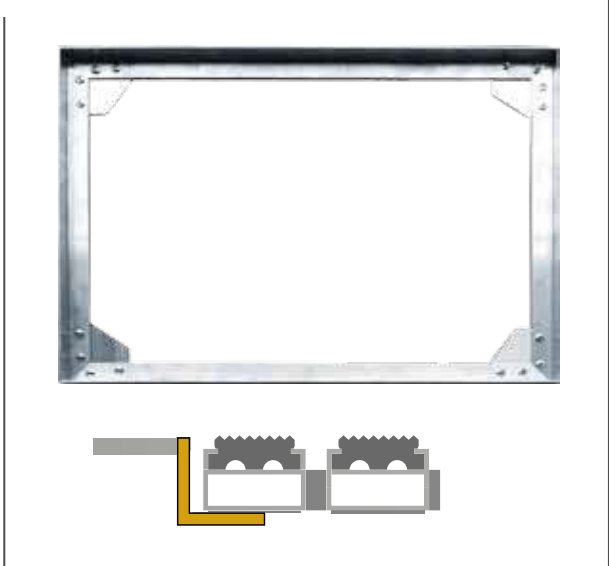
BLACK + GREY + BROWN



BLACK + GREY + BROWN

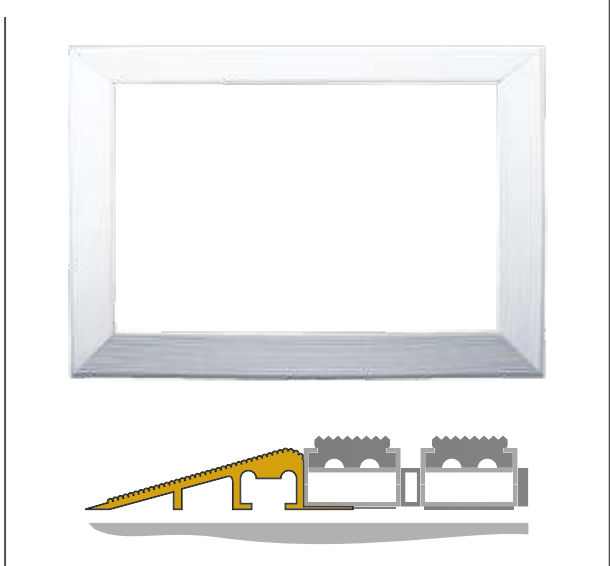
INSTALLATION

DOORMAT FRAME



RECESS LEVEL

RAMP PROFILE

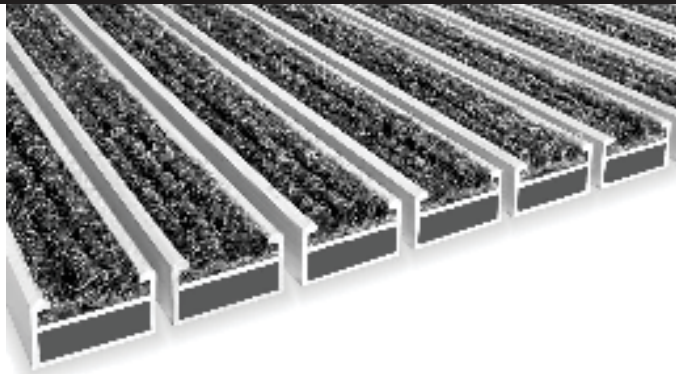
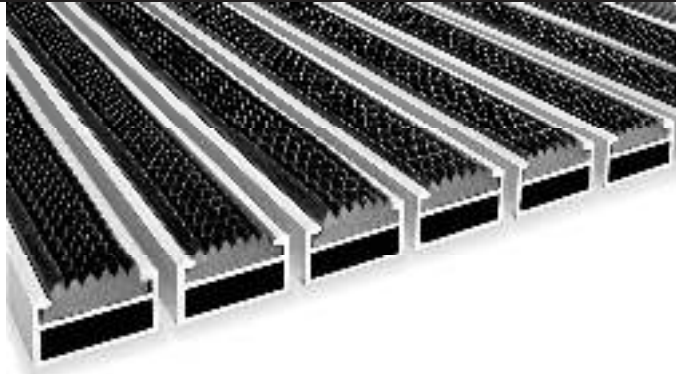
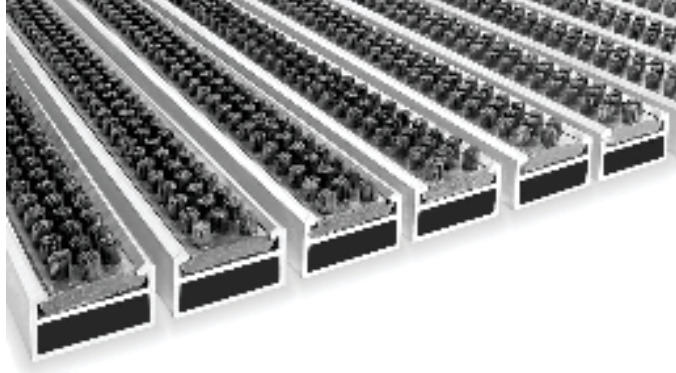
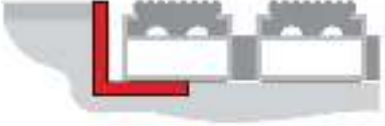



FLOOR LEVEL

AVAILABLE PRODUCTS

THE ULTIMATE MAT

STANDARD SYSTEMS

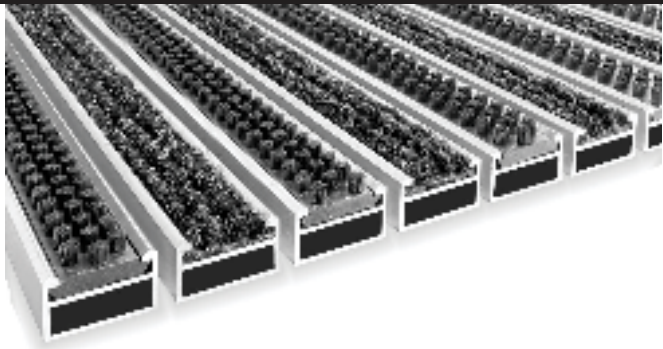
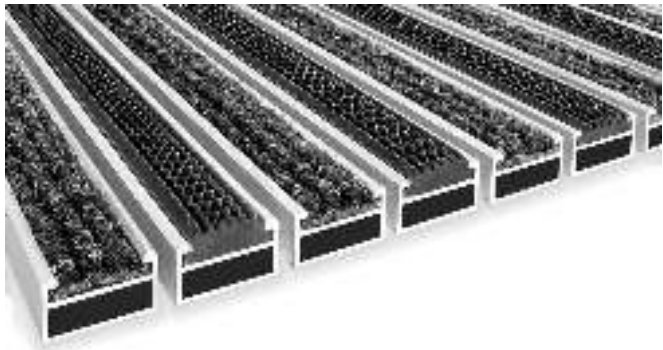
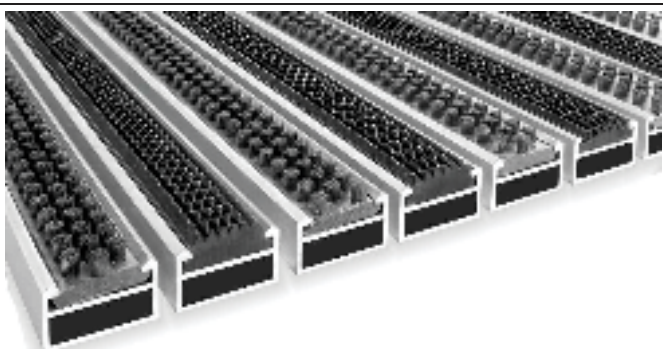
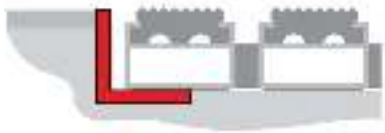

	product	price
	MasterMat TUM TEXTILE 12mm MMTUMT.12 MasterMat TUM TEXTILE 17mm MMTUMT.17 MasterMat TUM TEXTILE 22mm MMTUMT.22	PER m²
	<i>insert colors:</i>	09 grey 08 black 07 brown
	MasterMat TUM RUBBER 12mm MMTUMR.12 MasterMat TUM RUBBER 17mm MMTUMR.17 MasterMat TUM RUBBER 22mm MMTUMR.22	PER m²
	<i>insert colors:</i>	09 grey 08 black 07 brown
	MasterMat TUM SCRUB 12mm MMTUMS.12 MasterMat TUM SCRUB 17mm MMTUMS.17 MasterMat TUM SCRUB 22mm MMTUMS.22	PER m²
	<i>insert colors:</i>	09 grey 08 black 07 brown
ALUMINIUM MATWELL FRAME 	aluminium frame 15 x 15 x 2 mm AMWF15152	PER m²
	aluminium frame 20 x 20 x 2 mm AMWF20202	PER m²
	aluminium frame 25 x 25 x 3 mm AMWF25253	PER m²
ALUMINIUM RAMP 	ramp profile (anodized aluminium) 12mm Entrance mat AR120.NA	PER m²
	ramp profile (anodized aluminium) 17mm / 22mm Entrance mat AR17/22.NA	PER m²

- unusual shapes (apart from squares and rectangular) require individual pricing

AVAILABLE PRODUCTS

THE ULTIMATE MAT

COMBINATION SYSTEMS

	product	price
	MasterMat TUM TEXTILE - SCRUB 12mm MMTUMTS.12 MasterMat TUM TEXTILE - SCRUB 17mm MMTUMTS.17 MasterMat TUM TEXTILE - SCRUB 22mm MMTUMTS.22	PER m ²
	insert colors:	09 grey 08 black 07 brown
	MasterMat TUM TEXTILE - RUBBER 12mm MMTUMTR.12 MasterMat TUM TEXTILE - RUBBER 17mm MMTUMTR.17 MasterMat TUM TEXTILE - RUBBER 22mm MMTUMTR.22	PER m ²
	insert colors:	09 grey 08 black 07 brown
	MasterMat TUM RUBBER - SCRUB 12mm MMTUMRS.12 MasterMat TUM RUBBER - SCRUB 17mm MMTUMRS.17 MasterMat TUM RUBBER - SCRUB 22mm MMTUMRS.22	PER m ²
	insert colors:	09 grey 08 black 07 brown
ALUMINIUM MATWELL FRAME 	aluminium frame 15 x 15 x 2 mm AMWF15152	PER m ²
	aluminium frame 20 x 20 x 2 mm AMWF20202	PER m ²
	aluminium frame 25 x 25 x 3 mm AMWF25253	PER m ²
ALUMINIUM RAMP 	ramp profile (anodized aluminium) 12mm Entrance mat AR120.NA	PER m ²
	ramp profile (anodized aluminium) 17mm / 22mm Entrance mat AR17/22.NA	PER m ²

- unusual shapes (apart from squares and rectangular) require individual pricing

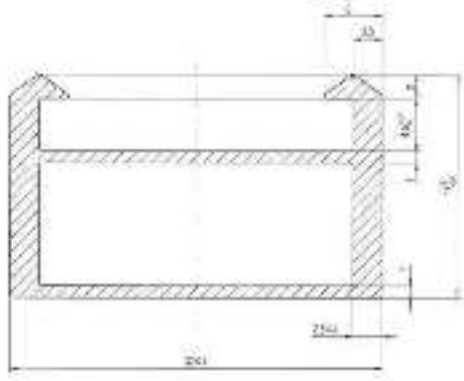

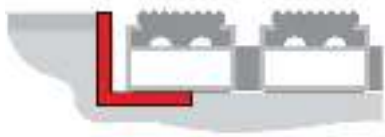
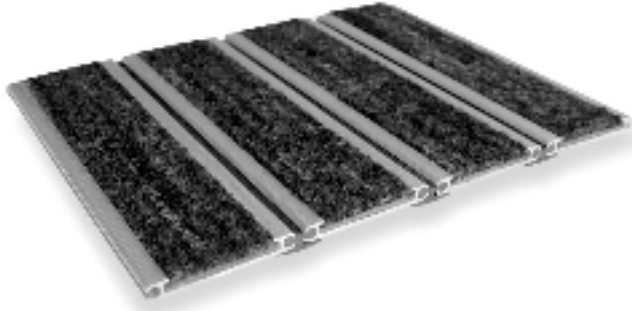
FINISHES

	product	price
	TACTILE VERSION Designed for the visually impaired	PER m²
	STAINLESS STEEL PROFILE WITH LOGO width 65 mm	PER m²
	MasterMat TUM TEXTILE LOGO 12mm MMTUMT.LOGO12 MasterMat TUM TEXTILE LOGO 17mm MMTUMT.LOGO17 MasterMat TUM TEXTILE LOGO 22mm MMTUMT.LOGO22	PER m²
	ANODIZED ALUMINIUM (black color) CODE (BL)	PER m²
	ANODIZED ALUMINIUM (gold color) CODE (G)	PER m²

AVAILABLE PRODUCTS

THE ULTIMATE MAT

ADDITIONAL SPEC FINISHES

	product	price
	<p>THE ULTIMATE MAT STRONG VERSION thickness 2.5 mm</p> <p>AVAILABLE FOR ALL 22mm PRODUCTS CODE (HD)</p>	<p>PER m²</p>
MasterMat DIRT COLLECTION WELL		
		
	<p>stainless steel frame 15 x 15 x 2 mm MMS.DCW15152</p>	<p>PER m²</p>
	<p>stainless steel frame 20 x 20 x 3 mm MMS.DCW20203</p>	<p>PER m²</p>
	<p>stainless steel frame 25 x 25 x 3 mm MMS.DCW25253</p>	<p>PER m²</p>
	<p>MasterMat TUM TEXTILE WIDE 12mm MMTUMTW.12</p>	<p>PER m²</p>
	<p><i>insert colors:</i></p>	<p>10 light grey 09 dark grey 07 brown</p>

Tested in the most-demanding conditions

Certificate ISO-9001



PROCESS STANDARDIZATION

In order to ensure our Customers about our process standardisation, **we submit to regular audits**. In 2015 we once again received **the ISO-9001 certificate**, which is a confirmation of our compliance with international standards concerning manufacturing and production.

Our quality control programs include: initial quality control of raw materials, quality control during the process of production, and environmental and reliability tests. All aluminium mats pass **rigorous tests on the production line**.

Our products conform to the requirements of hygiene, and have been approved by the **National Institute of Hygiene**.



RESILIENCE CONFIRMED BY TESTS

Our mats undergo tests which check their resilience to loads and weather conditions. The aluminium profiles have been given compression tests conducted with the use of material testing machines at the Department of Metal Testing of the Metal Forming Institute. All samples have withstood the pressure of 3.9 kN (corresponding to 397.69 kg) and retained their original height and shape.



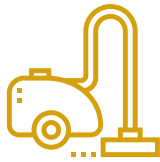
USER SAFETY AND COMFORT

Our products are also **tested for user safety and comfort**. In order to do this we:

- ✓ minimize deflections that may cause tripping.
- ✓ eliminate space which may result in getting heels stuck.
- ✓ study the level of water absorption and prevent slips.

Easy cleaning and maintenance

The key to maintaining mats' properties is their regular cleaning. Cleaning should be performed every 1-2 weeks depending on the intensity of use and weather conditions.



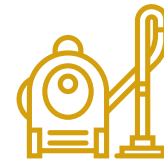
LIGHT IMPURITIES

After rolling the mat, impurities under the profiles should be removed using a vacuum cleaner.



MEDIUM IMPURITIES

After rolling the mat and vacuuming the space underneath, fillings should be additionally cleaned with a vacuum cleaner.



HARD IMPURITIES

After vacuuming and cleaning it with a brush, the mat should be cleaned with a pressure washer. The mat should be put back only when it is completely dry.



CARE AND CLEANING

THE ULTIMATE MAT doormats are resistant against:

- Corrosion, even in coastal regions
- General chemical agents that do not contain chlorine

Cleaning: Roll up the entrance mat, sweep or vacuum the recess, wash the floor, roll the entrance mat back into place. The mat itself should be vacuumed regularly, and washed using a carpet cleaning machine (extractor) periodically. Only use chemical agents that are non-abrasive to rubber or aluminium.

Cleaning frequency: Recommended every other week or more often, depending on the season (rain and dust) and amount of dirt.

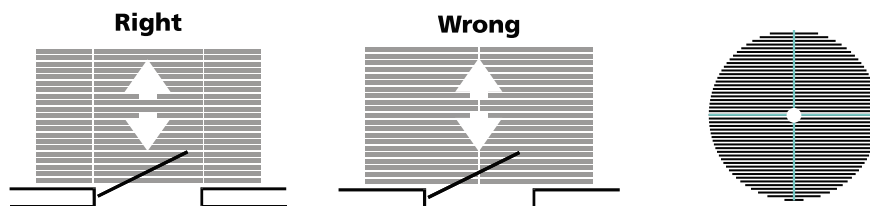
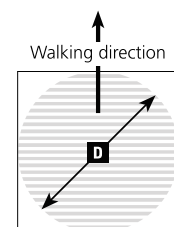
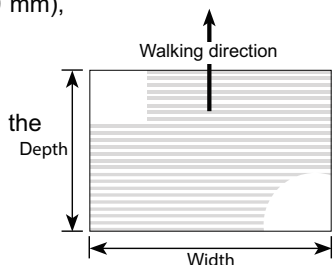
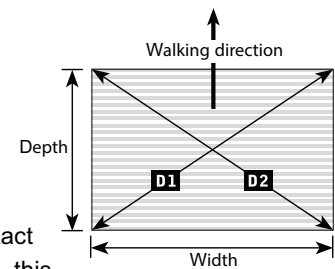
Permissible load: for the entrance mats installed in a recess: Unlimited pedestrian traffic 2500 kg /m². Traffic that includes transport, shopping trolleys, wheelchairs, etc. - max. 150 kg/wheel (600 kg/trolley).

A well-functioning entrance mat needs a flat, even surface/recess. Depth tolerance is approx. 2 mm. An uneven surface can result in the aluminium profiles becoming permanently deformed.

TECHNICAL INFORMATION

When placing an order, please specify the following:

1. Type of insert: textile (textile insert), rubber (rubber insert) and scrub (brush insert).
Please note: It is possible to combine different insert types.
2. Requested mat heights: 12 mm, 17 mm or 22 mm.
Requested frame heights: 15 x 15 x 2 mm, 20 x 20 x 2 mm or 25 x 25 x 3 mm.
3. Width & depth according to the opposite diagram. The arrow indicates the direction of the entrance. Exact dimensions of inside recess in mm (the finished doormat will be approx. 2-3 mm narrower on each side, this is so the mat can be easily rolled up for cleaning). If the recess dimensions differ (eg. 900 mm and 890 mm), provide the dimensions for each side in addition to the diagonal dimensions (D1 & D2).
Round mat: Measure the radius (inside of the recess) and the dimensions of the central hole.
4. Installing the casting frame: Use a self-levelling compound or screed. An uneven surface can result in the mat's aluminium profiles becoming permanently deformed.



Notice: The joint should not be placed in the middle, where most traffic passes the mat.

Mats for revolving doors are supplied in 4 sections.

Certificates: PZH HK/B/0628/01/2014, ITB NJ-5/KR/1106/09, 48/09/BB91133001, 10/11/BB91104001, anti-slip properties according to DIN 51130:2014-02, fire classification Cfl-s1.

FRAMES

Casting frames for **THE ULTIMATE MAT** are made from 15 x 15 x 2 mm aluminium angle sections (for 12 mm high mats), 20 x 20 x 2 mm sections (for 17 mm high mats) and 25 x 25 x 3 mm sections (for 22 mm high mats). Casting frames should be installed into a recess so that the upper edge is in line with the floor surface and the lower edge is in line with the bottom of the recess. The recess should be even and flat (in accordance with construction standards for self-levelling floors: +/-2 mm tolerance). An uneven surface could lead to vibrations and the mat could be permanently deformed as a result (necessitating replacement).

THE ULTIMATE MAT entrance mats are manufactured to a high degree of accuracy when it comes to frames, which is why a precise and even surface is so important. Every single edge of the frame must be perfectly parallel, without any arching or bends. Dimensions should be double-checked at several points. For non-standard shaped frames, care should be taken with the various angles and ensuring even installation of each of the individual frame elements (no arching or bends).

Note: in case of non-standard forms (circle, ellipse etc.) it is necessary to make a template in 1:1 scale.



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THE ULTIMATE MAT