



CLEAN SYSTEM WIDE

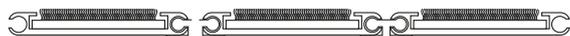
ALUMINUM ENTRANCE MATS



We have been manufacturing and distributing system mats for over 16 years, now. With clearly defined objectives, quality products and customer loyalty, we have achieved a position of leadership. We are currently the largest manufacturer of aluminum mats on the Polish market. **Our aluminum mats have been installed in the biggest shopping centers, offices complexes, aqua parks, hotels and apartment towers around the world.**

WE DO IT RIGHT

CLEAN RYPS WIDE - TEXTILE INSERT



SLIP RESISTANCE CLASS



FIRE CLASSIFICATION



PZH CERTIFICATION



STRENGTH TESTS

Wipers are made of aluminium profiles with a rep insert. Profiles are joined by means of a rubber connector, which also serves the function of a shock absorber between the mat and the surface of the floor or groove. The design provides for easy folding of the mat for cleaning and transport.

The aluminium profile of the Clean System wide mats has a height of 7.7 mm.

The height of the profile with a rep insert is 11 mm.

The design of the mat provides for production of mats in any size and shape. The width of the mat is obtained as a result of cutting the profiles, while its length is obtained by selecting the number. The limit is the weight of a single mat, which should not exceed 50 kg.

Temperature: above + 5°C.

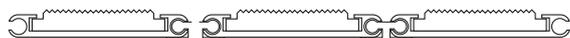
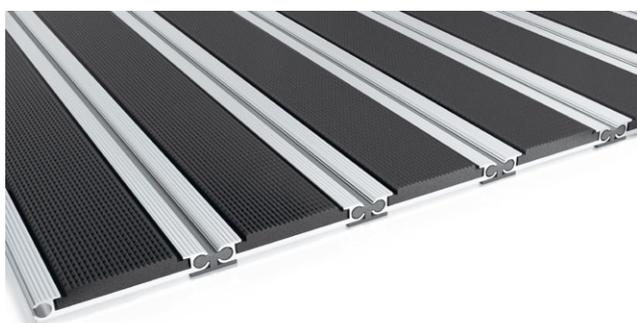
Installation: into a recess of suitable depth or on its own base in aluminum profile frame.

Mat heights: 11 mm

Insert colours: brown, light grey, dark grey

Dimensions: as ordered

CLEAN RUBBER WIDE - RUBBER INSERT



SLIP RESISTANCE CLASS



FIRE CLASSIFICATION



PZH CERTIFICATION



STRENGTH TESTS

Wipers are made of aluminium profiles with a rubber insert. Profiles are joined by means of a rubber connector, which also serves the function of a shock absorber between the mat and the surface of the floor or groove. The design provides for easy folding of the mat for cleaning and transport.

The aluminium profile of the Clean System wide mats has a height of 7.7 mm.

The height of the profile with a rubber insert is 12 mm.

The design of the mat provides for production of mats in any size and shape. The width of the mat is obtained as a result of cutting the profiles, while its length is obtained by selecting the number of profiles and cutting the end profiles. The limit is the weight of a single mat, which should not exceed 50 kg.

Temperature: between -40° to +70°C.

Installation: into a recess of suitable depth or on its own base in aluminum profile frame.

Mat heights: 12 mm

Insert colours: grey, black, brown.

Dimensions: as ordered.

CLEAN SCRUB WIDE - BRUSH INSERT



SLIP RESISTANCE CLASS



FIRE CLASSIFICATION



PZH CERTIFICATION



STRENGTH TESTS

Wipers are made of aluminium profiles with a scrub insert. Profiles are joined by means of a rubber connector, which also serves the function of a shock absorber between the mat and the surface of the floor or groove. The design provides for easy folding of the mat for cleaning and transport.

The aluminium profile of the Clean System wide mats has a height of 7.7 mm.

The height of the profile with a scrub insert is 14 mm.

The design of the mat provides for production of mats in any size and shape. The width of the mat is obtained as a result of cutting the profiles, while its length is obtained by selecting the number of profiles and cutting the end profiles. The limit is the weight of a single mat, which should not exceed 50 kg.

Temperature: between -40° to +70° c

Installation: into a recess of suitable depth or on its own base in aluminum profile frame.

Mat heights: 14 mm.

Insert colours: grey, black, brown.

Dimensions: as ordered.

DIFFERENT KINDS OF MATS



CLEAN WIDE RYPS - RUBBER

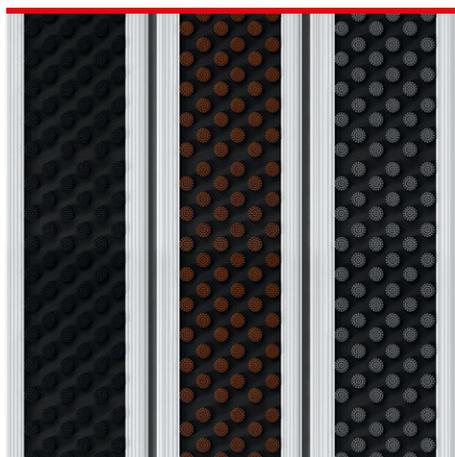


CLEAN WIDE RUBBER - SCRUB



CLEAN WIDE RYPS - SCRUB

INSERT COLOURS



BLACK - BROWN - GREY



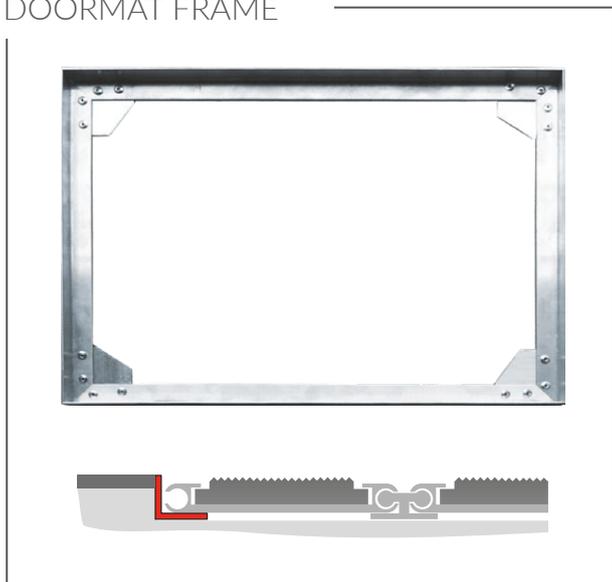
BLACK - BROWN - GREY



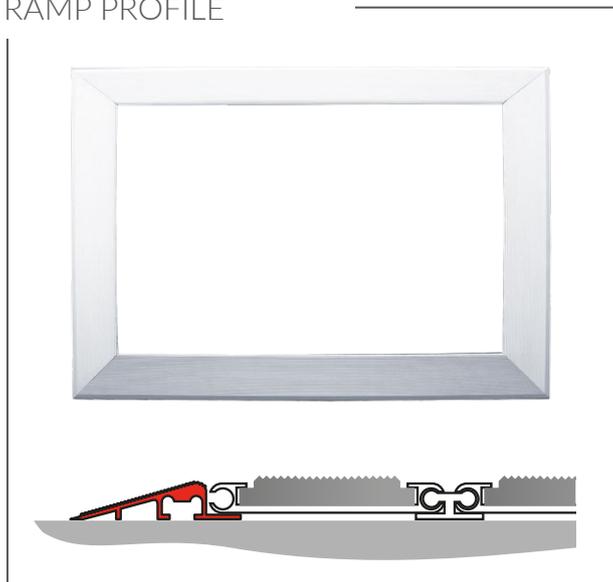
BLACK - BROWN - GREY

INSTALLATION

DOORMAT FRAME



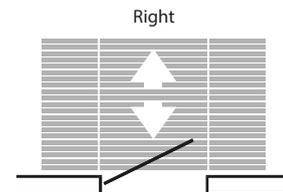
RAMP PROFILE



TECHNICAL INFORMATION

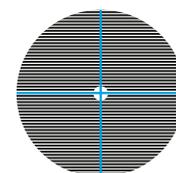
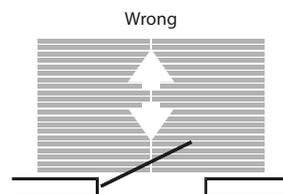
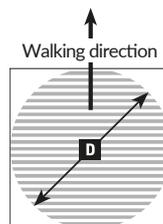
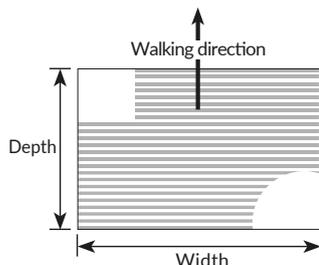
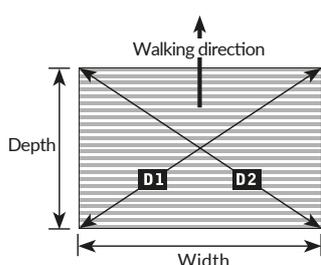
1. WHEN PLACING AN ORDER, PLEASE SPECIFY THE FOLLOWING:

- **Type of insert:** ryps (textile insert), rubber (rubber insert) and scrub (brush insert).
Please note: it is possible to combine different insert types.
- **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.



2. INSTALLING THE CASTING FRAME:

Use a self-leveling compound or pinning. An uneven surface can result in the mat's aluminum 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 B-BK-60211-0449/19, Metal Forming Institute - test report no. 94/18/BB.903.0290.02, anti-slip properties according to DIN 51130:2014-02, fire classification Cfl-s1, environmental management system certificate ISO 14001:2015.

FRAMES

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-leveling floors: +/-2 mm tolerance). An uneven surface could lead to vibrations and the mat could be permanently deformed as a result (necessitating replacement).

System doormats 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.

CARE AND CLEANING

CLEAN SYSTEM doormats are resistant against:

- salt / snow-melting agents
- general chemical agents that do not contain chlorine

Cleaning: the doormat itself should be vacuumed regularly, and washed using a carpet cleaning machine (extractor) periodically. Only use chemical agents that are non-abrasive for rubber or aluminum.

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

Permissible load: for doormats installed in a recess: Unlimited pedestrian traffic 3200 kg/m². Traffic that includes transport, shopping trolleys, wheelchairs, forklifts, 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 aluminum profiles becoming permanently deformed.



BP Techem Sp. z o.o.
Ludwinowska 17
02-856 Warsaw
phone +48 22 244 14 66
maty@techem.com.pl
www.techemmats.com