NEXUS / ARCHITECTURAL SOLUTIONS

ENTRANCE MATTING

NORTH AMERICA & EUROPE EDITION



THE NEXUS RANGE

Details that complete the architecture.

Nexus offers profiles and architectural finishing solutions for floors, walls, stairs and entrances. Select the product shape, material, finish and configuration for the intended installation.

PRODUCT SELECTION

Use the product family and model code in the index to locate the appropriate detail. Materials, finishes and dimensions follow the manufacturer source catalogue.

DIMENSIONS

Schedules use approximate fractional inches with original metric references in brackets. Lengths use feet and fractional inches. General dimensions are rounded to 1/16 in; dimensions below 6 mm use 1/64 in. Original metric manufacturing values govern.

DRAWINGS & TECHNICAL DATA

Original engineering geometry is retained. Numeric dimensions embedded in the drawings remain in the original metric units unless a unit is explicitly shown. Material grades, model codes, test methods and performance values retain their source meaning.

PROJECT ENQUIRIES

Confirm the selected configuration, technical requirements, available finishes, quantities and supporting documentation with Nexus before ordering.

PRODUCT TYPES & MODEL CODES

Find the detail.

Product type	Model / range	Page
Rubber-insert matting	URFM 16	4
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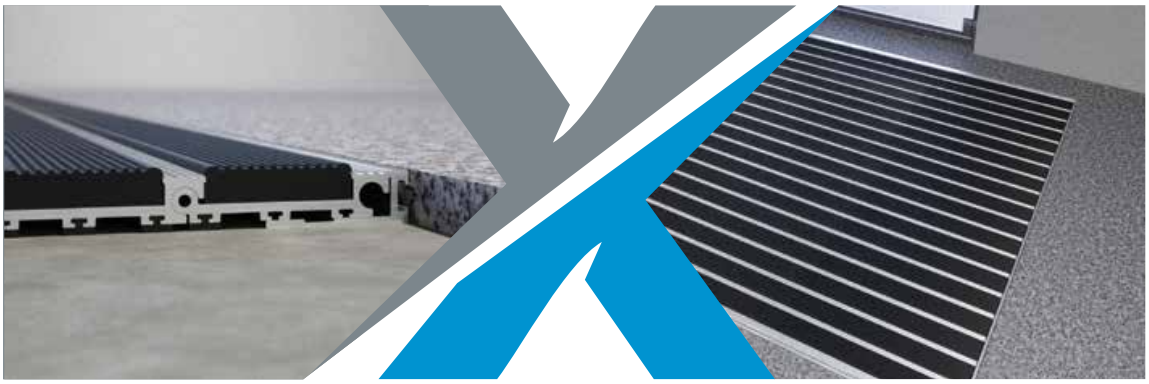
All-aluminum matting	UAFM 17	16
Carpet insert	CP-DM	17
Rubber technical data	RUBBER	18

RUBBER-INSERT MATTING

URFM 16

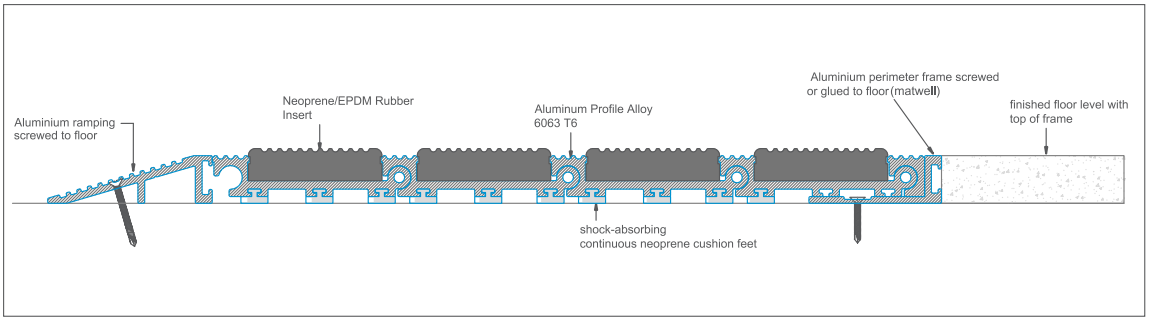


ALUMINUM-RUBBER PROFILE

Anti-Slip Heavy-Duty

Entrance matting corrosion-resistant version can be used for outside as well as inside areas with normal to heavy traffic. It prevents dirt and moisture from entering the building and is available with anti-slip knurled rubber and aluminum. This type reduces noise generated from heavy traffic and is dimensionally stable and easy to clean.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness up to 3/32 in [2.5 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip knurled EPDM Rubber or Neoprene, heavy-duty and UV-resistant conforming to DIN 7863.
UNDERNEATH	Base of the mat is mechanically fitted with rubber inserts for anti-slip and noise reduction.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with black rubber insert.



Use in the outside area

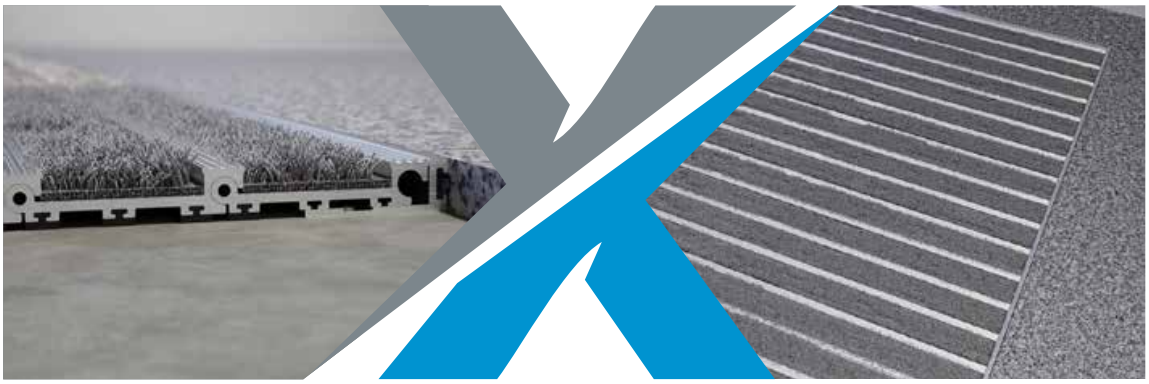
Use in the inside area

Wheelchair accessible

Recyclable

CARPET-INSERT MATTING

UCFM 16

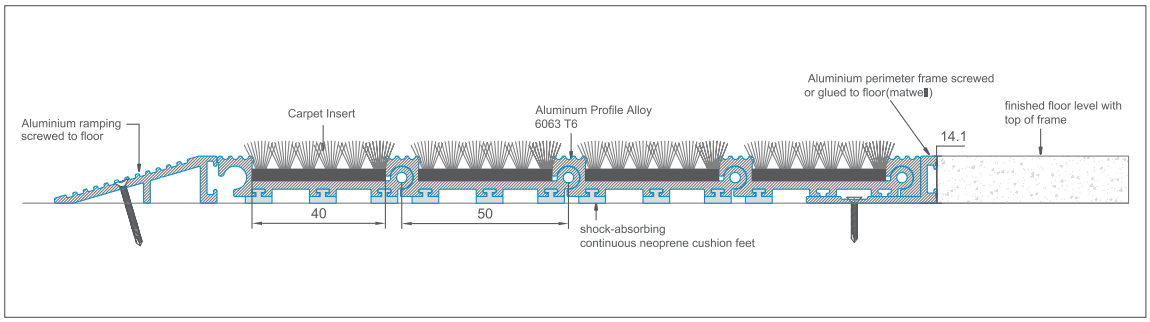


ALUMINUM-CARPET PROFILE

Anti-Slip Heavy-Duty

Entrance matting corrosion-resistant version for areas of heavy traffic.
It prevents dirt and moisture from entering the building and is available with anti-slip knurled rubber and aluminum. This type reduces noise generated from heavy traffic and is dimensionally stable and easy to clean.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness up to 3/32 in [2.5 mm] for laying directly into existing or new matwells.
UPPER	Anto slip ribbed carpet insert, UV-resistant heavy-duty conforming to DIN 51130.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing neoprene cushion pads for anti slip and noise reduction.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with a variety of colors for carpet inserts.



Use in the outside area

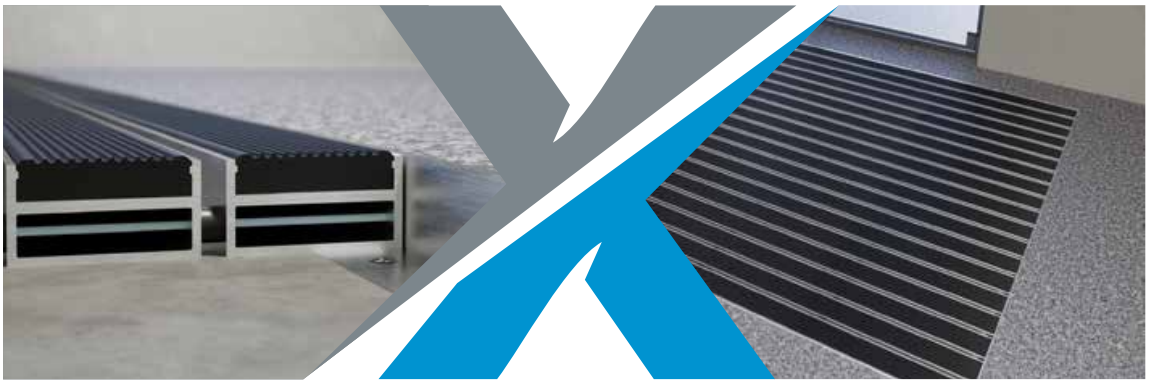
Use in the inside area

Wheelchair accessible

Recyclable

RUBBER-INSERT MATTING

NRFM 13

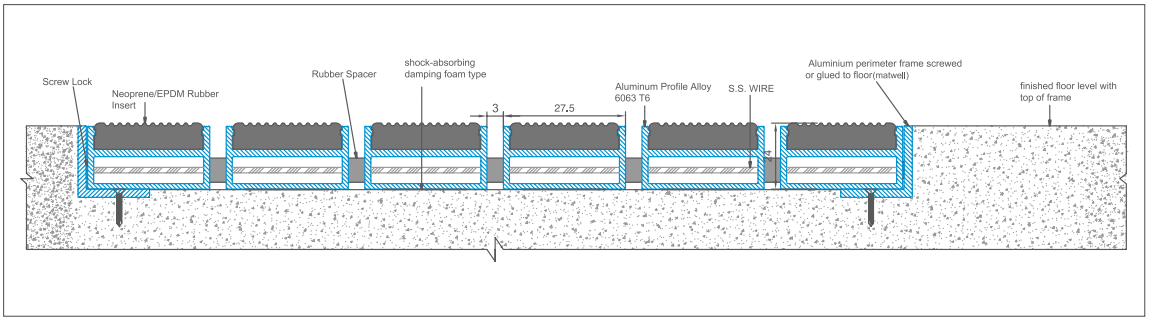


ALUMINUM-RUBBER HIGH PROFILE

Anti-Slip Aluminum Rubber Entrance

High Profile entrance matting corrosion-resistant version with Neoprene or EPDM rubber inserts can be used for outside as well as inside areas with normal to heavy traffic. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip knurled EPDM Rubber or Neoprene, heavy-duty and UV-resistant conforming to DIN 7863.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with black rubber insert.



Use in the outside area

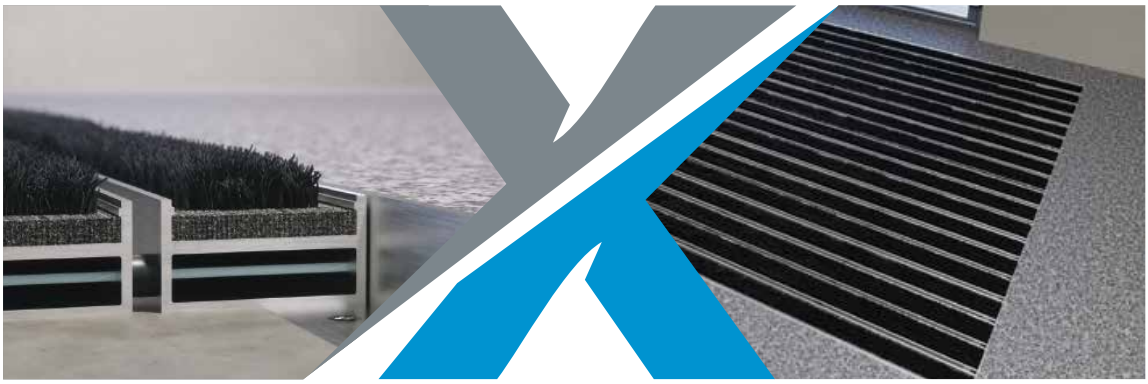
Use in the inside area

Wheelchair accessible

Recyclable

CARPET-INSERT MATTING

NCFM 13

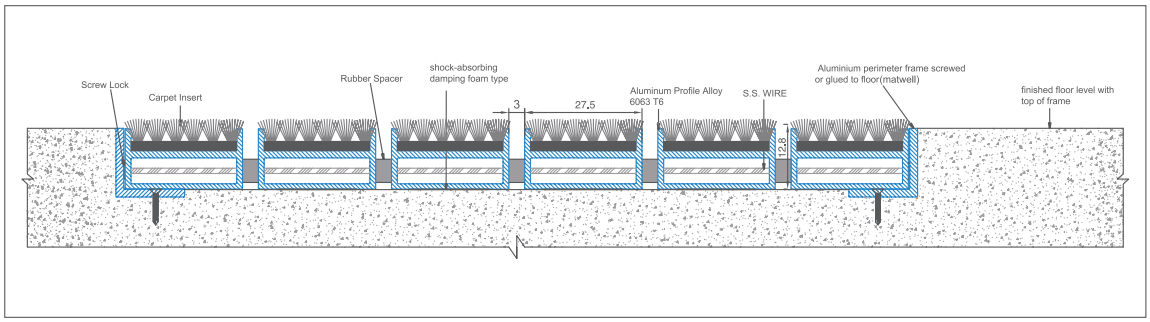


ALUMINUM-CARPET PROFILE

Anti-Slip Heavy-Duty

High Profile entrance matting corrosion-resistant version with Neoprene or EPDM rubber inserts can be used for outside as well as inside areas with normal to heavy traffic. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip ribbed carpet insert, UV resistant heavy duty conforming to DIN 51130.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with a variety of colors for carpet inserts.



Use in the outside area

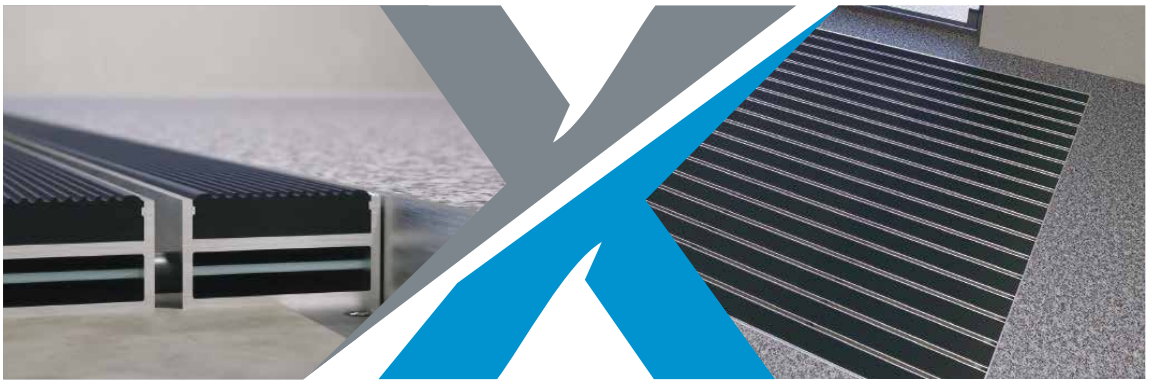
Use in the inside area

Wheelchair accessible

Recyclable

RUBBER-INSERT MATTING

NRFM 16

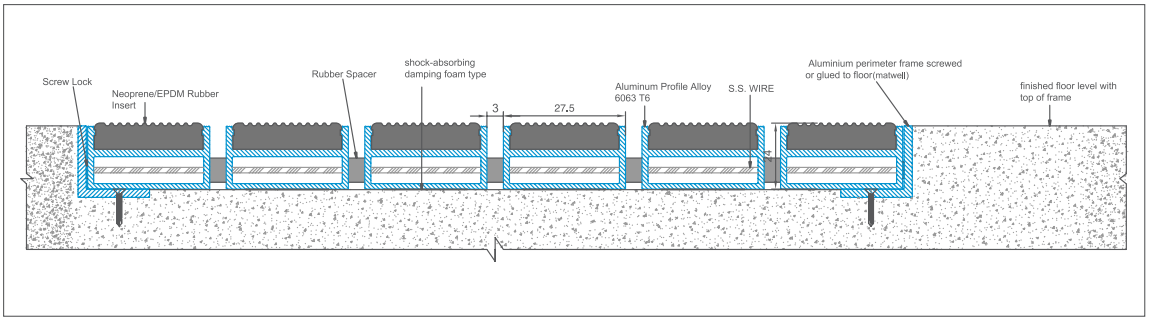


ALUMINUM-RUBBER HIGH PROFILE

Anti-Slip Aluminum Rubber Entrance

High Profile entrance matting corrosion-resistant version with Neoprene or EPDM rubber inserts can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip knurled EPDM Rubber or Neoprene, heavy-duty and UV-resistent conforming to DIN 7863.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with black rubber insert.



Use in the outside area

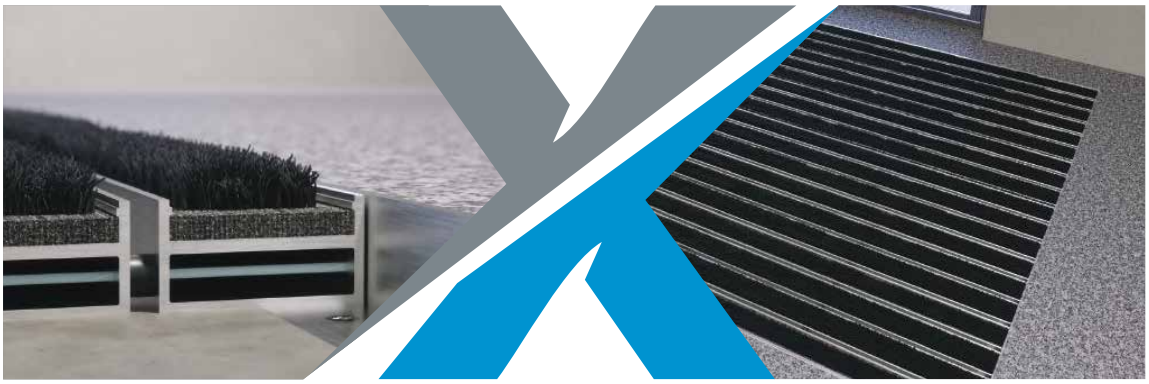
Use in the inside area

Wheelchair accessible

Recyclable

CARPET-INSERT MATTING

NCFM 16

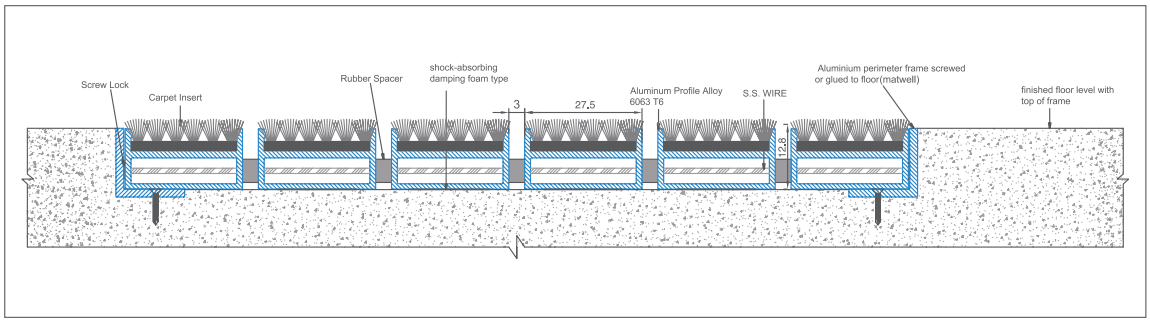


ALUMINUM-CARPET HIGH PROFILE

Anti-Slip Aluminum Carpet Entrance

High Profile entrance matting corrosion-resistant version can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt.
The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-TS, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip ribbed carpet insert, UV-resistant heavy-duty conforming to DIN 51130.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with a variety of colors for carpet inserts.



Use in the outside area

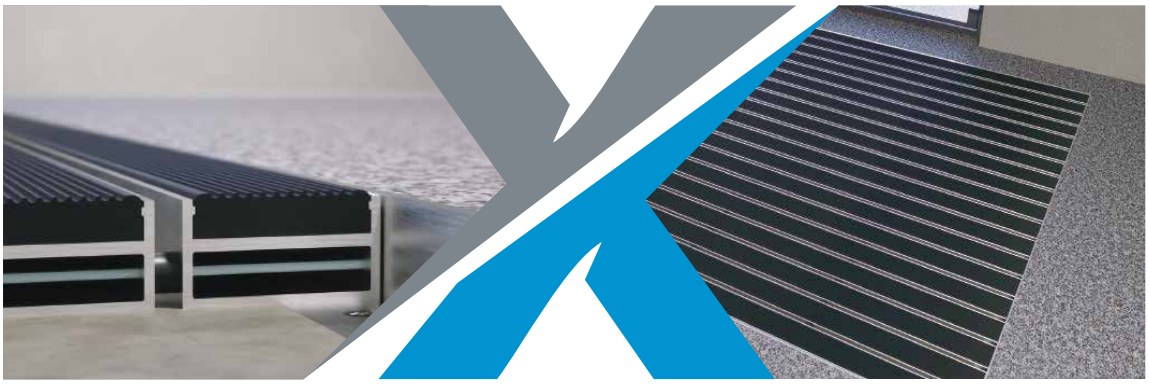
Use in the inside area

Wheelchair accessible

Recyclable

RUBBER-INSERT MATTING

NRFM 19

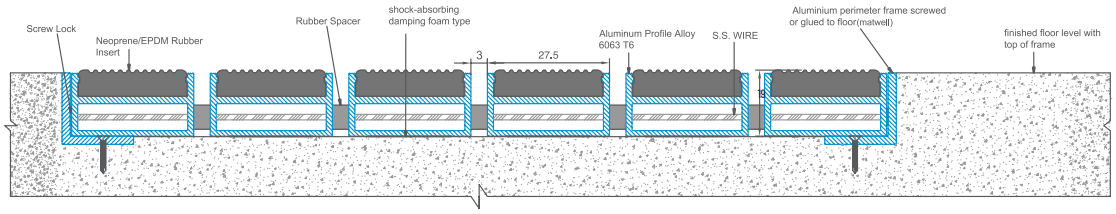


ALUMINUM-RUBBER HIGH PROFILE

Anti-Slip Aluminum Rubber Entrance

High Profile entrance matting corrosion-resistant version with Neoprene or EPDM rubber inserts can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip knurled EPDM Rubber or Neoprene, heavy-duty and UV-resistent conforming to DIN 7863.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with black rubber insert.



Use in the outside area

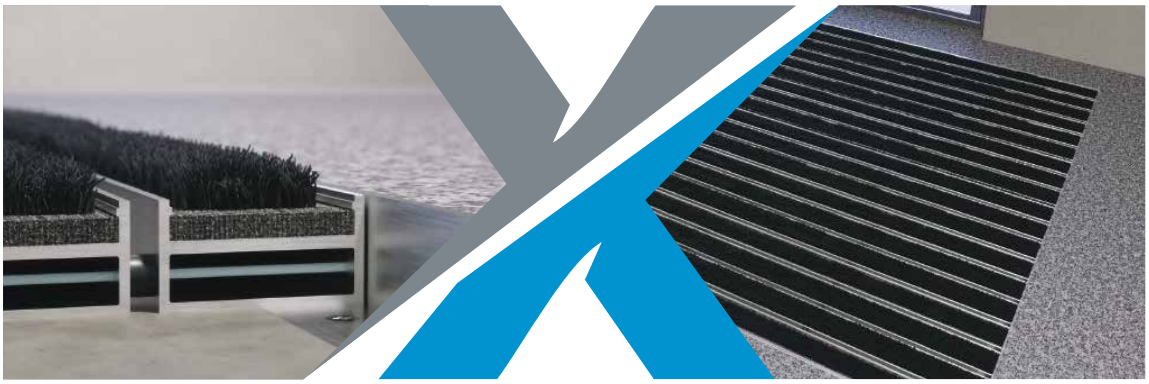
Use in the inside area

Wheelchair accessible

Recyclable

CARPET-INSERT MATTING

NCFM 19

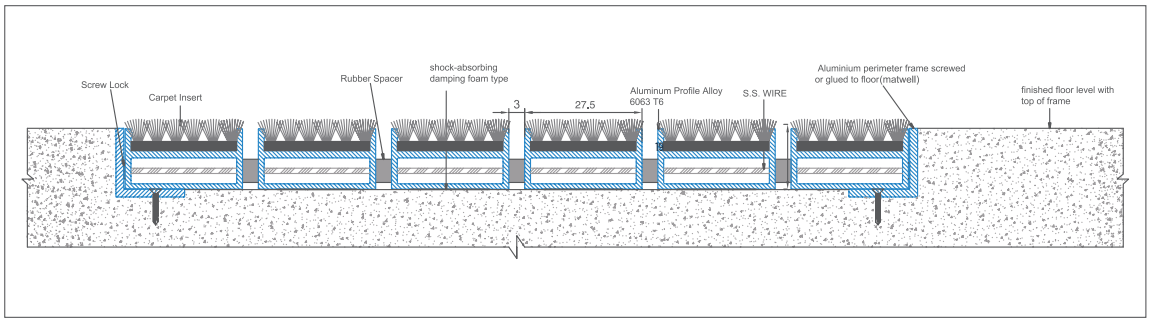


ALUMINUM-CARPET HIGH PROFILE

Anti-Slip Aluminum Carpet Entrance

High Profile entrance matting corrosion-resistant version can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt.
The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-TS, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip ribbed carpet insert, UV-resistant heavy-duty conforming to DIN 51130.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with a variety of colors for carpet inserts.



Use in the outside area

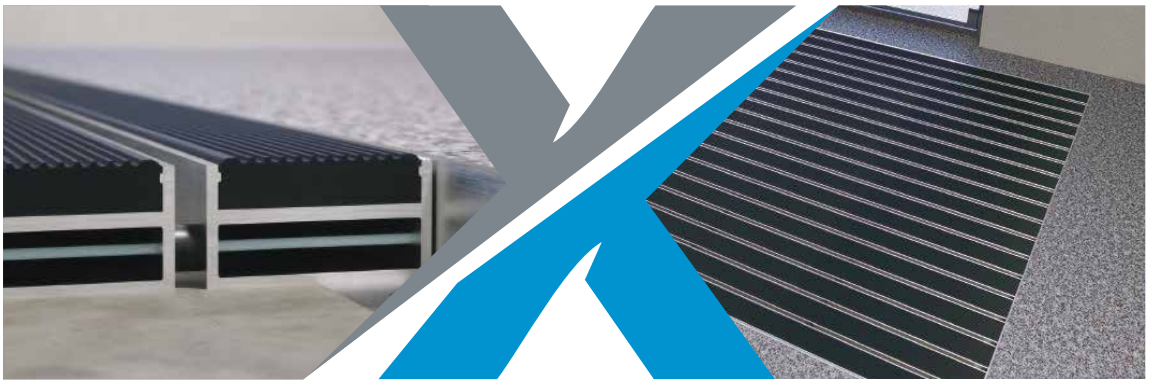
Use in the inside area

Wheelchair accessible

Recyclable

RUBBER-INSERT MATTING

NRFM 22

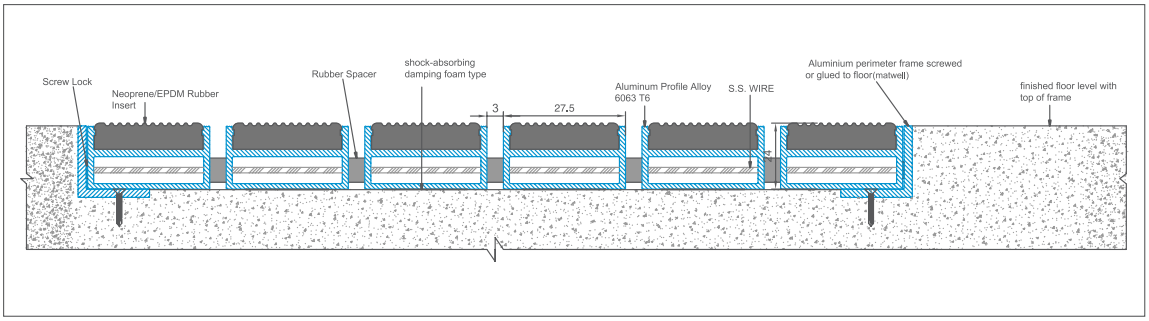


ALUMINUM-RUBBER HIGH PROFILE

Anti-Slip Aluminum Rubber Entrance

High Profile entrance matting corrosion-resistant version with Neoprene or EPDM rubber inserts can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam.
This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip knurled EPDM Rubber or Neoprene, heavy-duty and UV-resistent conforming to DIN 7863.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with black rubber insert.



Use in the outside area

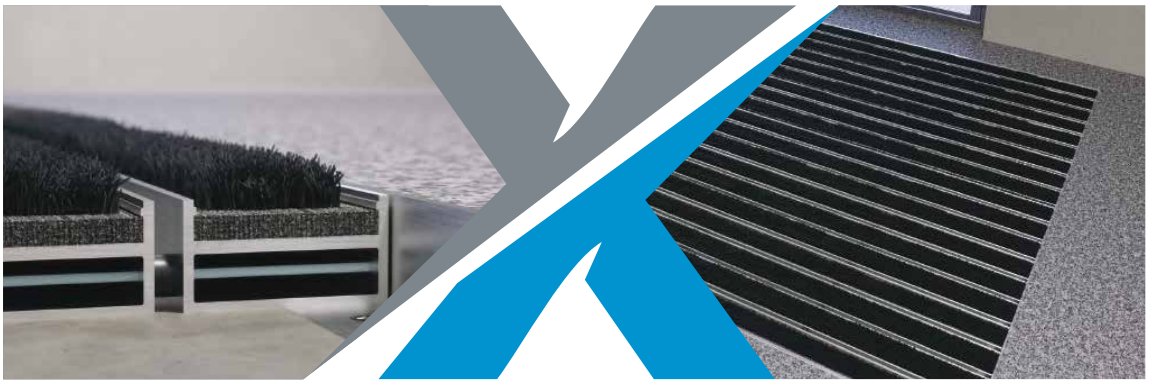
Use in the inside area

Wheelchair accessible

Recyclable

CARPET-INSERT MATTING

NCFM 22

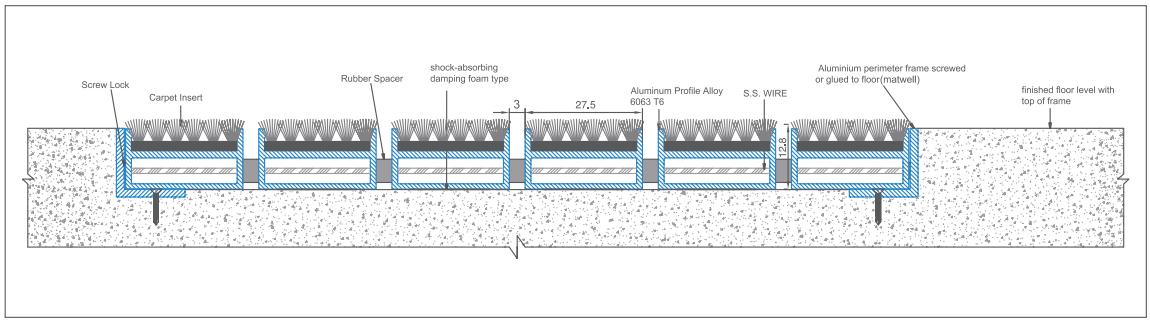


ALUMINUM-CARPET HIGH PROFILE

Anti-Slip Aluminum Carpet Entrance

High Profile entrance matting corrosion-resistant version can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-TS, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip ribbed carpet insert, UV-resistant heavy-duty conforming to DIN 51130.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with a variety of colors for carpet inserts.



Use in the outside area

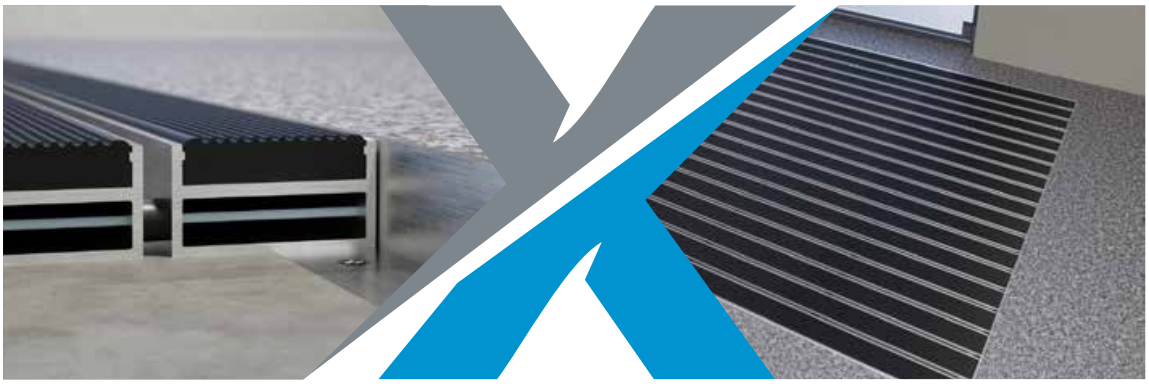
Use in the inside area

Wheelchair accessible

Recyclable

RUBBER-INSERT MATTING

URFM 24

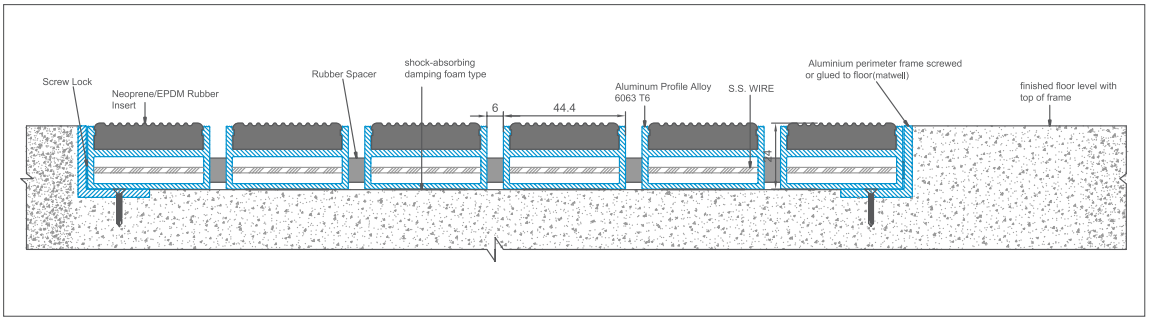


ALUMINUM-RUBBER HIGH PROFILE

ANTI-SLIP heavy duty

High Profile entrance matting corrosion-resistant version with Neoprene or EPDM rubber inserts can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam.
This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness 3/64 in [1.1 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip knurled EPDM Rubber or Neoprene, heavy-duty and UV-resistent conforming to DIN 7863.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with black rubber insert.



Use in the outside area

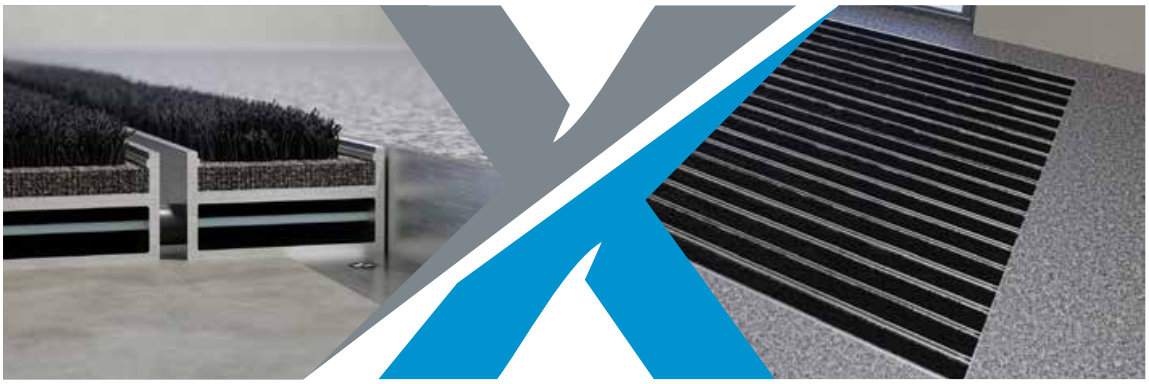
Use in the inside area

Wheelchair accessible

Recyclable

CARPET-INSERT MATTING

UCFM 24

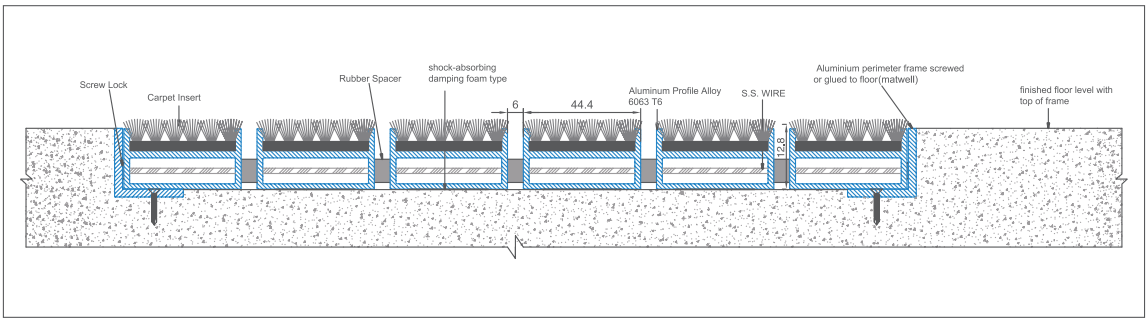


ALUMINUM-CARPET HIGH PROFILE

Anti-Slip Aluminum Carpet Entrance

High Profile entrance matting corrosion-resistant version can be used for outside as well as inside areas with normal traffic areas. It prevents dirt and moisture from entering the building and is layed on a shock absorbing damping foam. This type reduces noise generated from heavy traffic and is greatly capable of collecting dirt. The panels are connected to each other through a stainless steel wire.

ALUMINIUM PROFILE	Aluminium profile alloy 6063-TS, wall thickness 3/32 in [2.2 mm] for laying directly into existing or new matwells.
UPPER	Anti-slip ribbed carpet insert, UV-resistant heavy-duty conforming to DIN 51130.
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing damping foam. Panels are connected with stainless steel wire.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors with a variety of colors for carpet inserts.



Use in the outside area

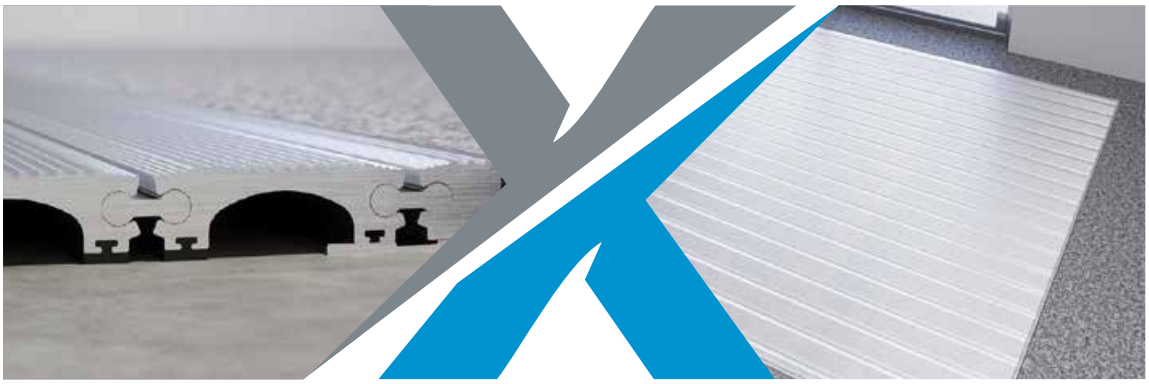
Use in the inside area

Wheelchair accessible

Recyclable

ALL-ALUMINUM MATTING

UAFM 17

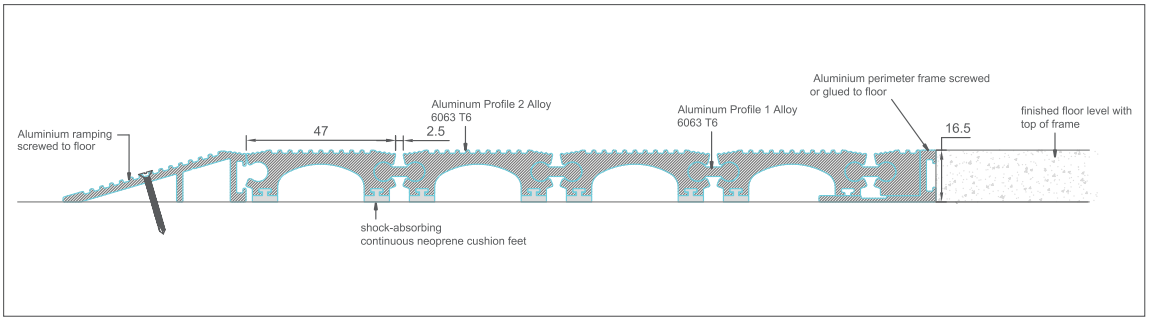


ALUMINUM PROFILE

Corrosion resistant all aluminum matting panel can be used for outside as well as inside areas with normal to heavy traffic.

It prevents dirt and moisture from entering the building. Height of profile is 5/8 in [16.5 mm]

ALUMINIUM PROFILE	Aluminium profile alloy 6063-T6, wall thickness up to 3/32 in [2.5 mm] for laying directly into existing or new matwells.
UPPER	Aluminum strips alloy 6063-T6 attached through connectors. Size of each strip is 1 7/8 in [47 mm].
UNDERNEATH	Base of the mat is mechanically fitted with shock absorbing neoprene cushion pads for anti slip and noise reduction.
PROFILE COLOURS	Material can be in mill finish aluminum or anodized silver, gold or bronze colors.



Use in the outside area

Use in the inside area

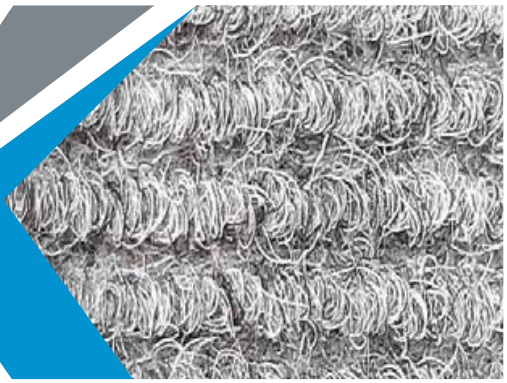
Wheelchair accessible

Recyclable

CARPET INSERT

CP-DM

CARPET DATASHEET



Polyprolene blanket can absorb moisture and stains. Stable and beautiful color, high color fastness, dirt resistance and not easy to change color.

Cut down spacer arrangement structure has the effect of anti-slip and dust removal, wear resistance and durability.

Dust removal and anti skid, remove sole stains, reduce dust into the door.

Thick PVC bottom, adhere to the ground without sliding, soft and not easy to break, moisture-proof, environmentally safe and odorless.

- High temperature and Weather Resistance.
- Rubber back, solid and durable, not ageing.
- Clean dust, removal sand, water, hog and anti slip.

MATERIAL	100% Polypropylene
PILE HEIGHT	3 15/16 in [100 mm]
FIRE RESISTANCE	EN95/28
COLORS	As per Catalogue
APPLICATION	Indoor Entrance

Use in the outside area

Use in the inside area

Wheelchair accessible

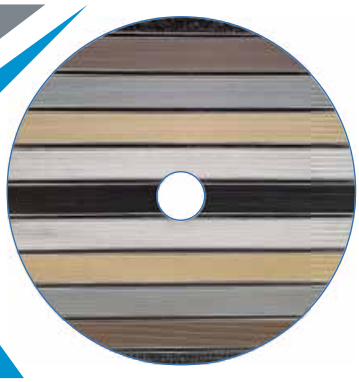
Recyclable

SOURCE REVIEW: Pile height 100 mm and fire reference EN95/28 require confirmation.

RUBBER TECHNICAL DATA

RUBBER

TECHNICAL DATASHEET



SR NO	PROPERTIES	TEST METHOD	UNIT	SPECIFICATION
1.	Base Polymer	EPDM		
Physical Properties				
1	Hardness	ASTM D 2240	Shore A	70 ± 5
2	Tensile Strength, Min	ASTM D 412	Mpa	9
3	Elongation at Break, Min	ASTM D 412	%	220
4	Tear Strength, Min	ASTM D 624	kN/m	25
5	Specific Gravity	ASTM D 297	g/cm ^{3}	1.30 ± 0.05
6	Compression Set, Max (22hrs@1000C)	ASTM D 395	%	28
7	After Aging Properties (Hot Air Aging 96 hrs at 70°C)			
a	Change In Hardness,Max	ASTM D 573	Shore A	± 10
b	Change In Tensile Strength,Max	ASTM D 573	%	-20
c	Change in Elongation at Break,Max	ASTM D 573	%	-25

Physical Properties		
1	Resistance to UV & Ozone	Excellent
2	Resistance to Weather	Excellent
3	Water swell Resistance	Very Good
4	Resistance to Thermal Ageing	Excellent
5	Resistance to Chemicals	Excellent
6	Resistance to Mild acids	Good
7	Resistance to Alcohol	Good
8	Resistance to Petroleum Oil and Mineral Oils	Poor
9	Temperature Range(Dry Heat)	- 40 to +130 Deg C

TECHNICAL SCHEDULE

Dimension reference.

Approximate fractional equivalents for dimensions stated in the source product information. Use the listed product pages to match each value to its application.

Fractional inches	Original dimension	Catalogue reference
3/32 in	2.5 mm	Pages 4, 5, 16
3/64 in	1.1 mm	Pages 6, 7, 8, 9, 10, 11, 12, 13, 14
3/32 in	2.2 mm	Pages 15
5/8 in	16.5 mm	Pages 16
1 7/8 in	47 mm	Pages 16
3 15/16 in	100 mm	Pages 17

Drawing annotations retain the source units. Original metric dimensions govern.

BEFORE SPECIFICATION

Coordinate the detail.

SOURCE DATA

This edition reorganizes the manufacturer catalogue. Source model identifiers, material descriptions, colour references and engineering drawings are retained. Availability and performance depend on the selected product and project requirements.

CP-DM CARPET

The source lists a pile height of 100 mm and fire resistance reference EN95/28. Both entries require manufacturer confirmation before specification. The indoor application stated in the data table should govern review of the source usage icons.

RUBBER DATA

The EPDM test-method and physical-property values are retained in their original engineering units. The source compression-set temperature notation should be confirmed. These are source datasheet values, not a new project approval.

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