

Indoor / Outdoor Contract and Installation Next Generation

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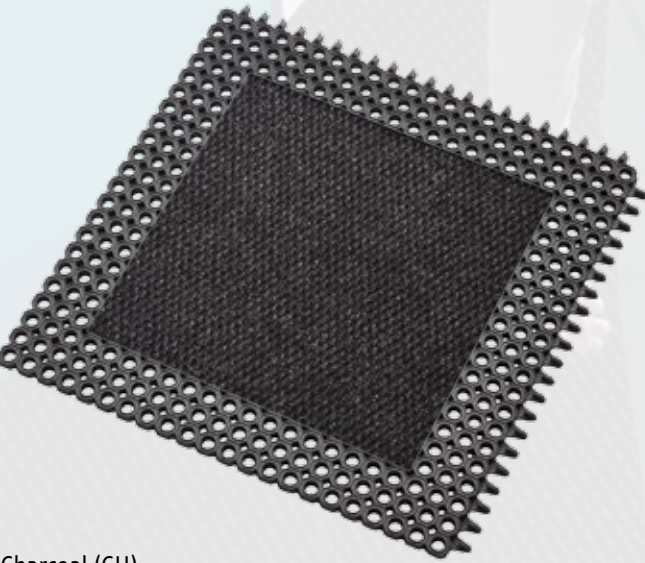
Master Flex™ C12



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Indoor / Outdoor Contract and Installation Next Generation

593 Master Flex™ C12
103 Master Trax Lite™ carpet insert



Charcoal (CH)



593

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Master Flex™ C12

Introducing the revolutionary modular multi-zone entrance mat tile. The new Master Flex™ design blends the functionalities of multi-zone entrance matting with the ease of on-site modular installation into an effective and ingenious matting solution. This full service matting system offers a smooth and harmonious transition from outdoor to indoor as well as from scraping to cleaning to drying.

Based on the unique design of the Oct-O-Flex™, the outdoor rubber mat scrapes shoes to stop dirt, grit and grime from entering the building with small drainage holes that are EU compliant for public entrances. Plus its smooth surface makes it suitable for wheeled access (carts, wheelchairs, suitcases, etc.). The quality carpet mat inserts allow a large variety of colours and customization possibilities to easily coordinate with the aesthetics of the building and interior design while providing excellent absorption of moisture to dry shoes and prevent slips and falls.

The Master Flex™ system offers all the benefits of a matting tile that is easily installed, rearranged or replaced. What makes it revolutionary is the interlocking system that creates a durable and seamless connection that can be effortlessly installed without glue. The 50 cm x 50 cm tiles cover sizeable areas easily and can be assembled on-site for installation in recessed matwell frames in large entrances. Made from a durable natural rubber compound that is inherently resilient, anti-slip and withstands the heaviest foot traffic. The mat has excellent adherence and adapts to any surface while the raised studs underneath allow water to drain through, keeping the surface clean and dry. Bevelled ramp accessories are available for loose lay installations to prevent tripping and facilitate access of wheelchairs and carts.

The 593 Master Flex™ C12 matting system can be completely personalized with a large selection of carpet inserts in a variety of colours.

- Recommended use:**
- Out- or indoor – heavy foot traffic areas.
 - For placement in interior or exterior recessed matwell frames.

- Specifications:**
- Tile: Natural rubber compound.
 - Octagonal ring design with open construction.
 - Suitable for use in extreme weather.
 - Small holes diameter 14 mm, compliant with EU norm for public entrances.
 - Overall thickness: 12 mm.
 - Weight: 2 kg/tile.

593 Master Flex™ C12 is available in a nitrile oil resistant or a fire retardant Bfl-S1 rubber compound on request.

- Recommended carpet inserts:**
- 103 Master Trax Lite™ carpet insert.
 - 380 Swisslon Classic XT carpet insert.
 - 388 Swisslon Uni™ carpet insert.

- Recommended accessories:**
- Attachable safety ramps for loose lay installations

- Stock sizes:**
- 50 cm x 50 cm modular tiles

- Custom sizes:**
- Any size – on demand, calculated per m².

- Cleaning tip:**
- Vacuum clean.

Art. Nr.	Sizes	Weight kg
593S0103CH	50 cm x 50 cm with 103 Master Trax Lite™	2

103 Master Trax Lite™ carpet inserts: Charcoal (CH)

Product Testing



GENERAL DESCRIPTION

	Masterflex™ C12
Designation	Dust Control Matting
Type	Indoor / Outdoor - Modular Entrance Mat Systems
Description	Modular rubber entrance matting system with choice of absorbing carpet inlay
Category	
Recommended Use	Heavy traffic - Indoor/Outdoor
Colours	Charcoal (CH)
Dimensions	Standard Sizes 50 cm x 50 cm
Special Remarks	
Accessories	597 Master Flex™ Ramps D12/C12

TECHNICAL SPECIFICATIONS

	Masterflex™ C12		Carpet insert 103 Master Trax Lite™
Material	Natural rubber	Pile Material	100% anti-static polypropylene fibers
Backing		Backing	Synthetic rubber
Process	Compression Moulding	Primary Backing	Non-woven
Weight	8 kg/m²	Process	Needlepunch
Overall thickness	12 mm	Yarn Construction	Cut loop pile - velours
		Pile weight	ISO 8543
		Total weight	ISO 8543 2.2 kg/m²
		Pile height	ISO 1766
		Overall thickness	ISO 1766 9 mm
		Pile density	ISO 8543
		Number of tufts	ISO 1763 81,000

TESTS

	Masterflex™ C12		Carpet insert 103 Master Trax Lite™
Compression Deflection	1.4 kg/cm² 2.8 kg/cm²	Absorption Capacity	TNO W6034 4 l/m²
Foam Battery	ASTM D3574	Fire Rating	EN 13501
Abrasion Resistance	ASTM D3884-01 500 cycles: 1000 cycles:	Slip Resistance	EN 13893
Static Coefficient of Friction	ASTM D412	Static charge	ISO 6356
Elongation	ASTM D412	Comfort	EN 1307
Breaking Load	ASTM D412	Suitability for stairs	EN 1963
Graves Tear Strength	ASTM D1004	Suitability for castor chairs	EN 985
Hardness	ASTM D2240-02	Dimensional stability	ISO 2551
Anti-Slip	DIN 51130	Light fastness	ISO 105 B02
Fire Rating	EN 13501-1	Water fastness	ISO 105 B01
ESD	Rp: Rg:	Rubbing fastness	ISO 105 X12
Chemical Resistance		Salt water	ISO 105 E02
Temperature Range		Shampoo	BS 1006
Sustainability	Reach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)	Organic solvents	ISO 105 X05