

MAPETEX CSM

A chopped-strand, fiberglass mat for tensile reinforcement of liquid-applied, waterproofing membrane systems

WHERE TO USE

Mapetex CSM is used as a reinforcement fabric to improve the tensile strength of liquid-applied waterproofing membranes where the area of application is subject to movement, and to help bridge micro-cracks.

Some application examples

As a reinforcement fabric between application layers of waterproofing & lining, for example:

- **Aquaflex** Roof Range;
- **Plastimul PU-W**;
- **Plastimul PU**;
- **Plastimul RBE MY**;
- **Mapecoat VE 825 AP**.

TECHNICAL CHARACTERISTICS

Mapetex CSM is a mat made of chopped fiberglass strands, randomly distributed and bound with a resin to provide multi-directional tensile strength. It has good wet-through properties and is resistant to atmospheric agents, dimensionally stable, light and easy to handle, easy to cut, and readily adaptable to the substrate profile.

RECOMMENDATIONS

- Do not fold or allow creases to form in **Mapetex CSM**.
- Do not use **Mapetex CSM** for structural reinforcement.

APPLICATION PROCEDURE

Preparing the substrate

All substrates, whether they are new or old, must be solid, clean, dry and free of all traces of oil, grease, old paint, rust, mould and any other material which could compromise the bond. All sharp protrusions must be ground smooth. Concrete and cement substrates must be solid and dry with no rising damp. Any loose parts must be removed. Any hollows in the surface must be repaired with the Mapegrout range of mortars and allowed to cure fully. All wax, water-repellent treatments, etc, must be removed with a suitable detergent and/or by sanding.

Application procedure

After application of the first neat coat of waterproofing or lining, while the material is still fresh, carefully lay **Mapetex CSM** on the surface and press it down firmly with a flat-bladed trowel to make sure it is perfectly wetted. Observe the waiting time before applying the second neat coat of waterproofing, making sure the **Mapetex CSM** is fully covered. Allow at least 50 mm overlaps of **Mapetex CSM** at all end and side laps.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

	Mapetex CSM 150	Mapetex CSM 225	Mapetex CSM 300	Mapetex CSM 450	Mapetex CSM 600
Appearance:	mat with chopped fiberglass strands, randomly distributed and bound with resin				
Colour:	white				
Material of fibres:	e-glass				
Area Weight (g/m ²):	150 ± 10%	225 ± 10%	300 ± 10%	450 ± 10%	600 ± 10%

PACKAGING

- **Mapetex CSM 600:** 1.08 m x 60 mr roll;
- **Mapetex CSM 450:** 1.04 m x 80 mr roll;
- **Mapetex CSM 300:** 1.04 m x 96 mr roll;
- **Mapetex CSM 225:** 1.04 m x 120 mr roll;
- **Mapetex CSM 150:** 1.04 m x 150 mr roll.

STORAGE

Store in a dry covered area at a temperature range of between +15°C and +35°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.my

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical applications: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com.my

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