

Masternet Solid Fiberglass Mesh

Technical Data

Properties	Test Method	Technical Data
Color		White
Length		147.64 ft/45 m (±)1%
Width		39.37 inch/1 m (±)1%
Mesh size (MD/CMD warp/weft)	EAD 040016-00-0404, 2.2.4	(4.8x5.0) ±0.5 mm
Mesh opening (MD/CMD warp/weft)	EAD 040016-00-0404, 2.2.4	(3.8x4.6) ±0.5 mm
Weaving accuracy	EAD 040016-00-0404, 2.2.6	pass
Treated fabric weight	EAD 040016-00-0404, 2.2.8	4.3 oz/yard ² (145 g/m ²)
Thickness	EAD 040016-00-0404, 2.2.9	0.46(±0.02) mm
Organic content	EAD 040016-00-0404, 2.2.2	16 % (±4%)
Average calorific value	EAD 040016-00-0404, 2.2.3 EN ISO 1716	6.16 MJ/Kg; 0.86 MJ/m ²
Average tensile strength (MD/CMD-warp/weft)	ASTM D 5035	32N/mm / 36N/mm
Elongation (MD/CMD – wrap/weft)	ASTM D 5035	<4.5% / <4.5%
Average tensile strength after aging (MD/CMD-warp/weft)	ASTM D 5035	>21 N/mm / 21 N/mm min 50% / 50%
Elongation after aging (MD/CMD warp/weft)	ASTM D 5035	<3.5% / <3.5%

Masternet Solid

Fiberglass Mesh

Description

Alkali-resistant fiberglass strengthening stucco mesh. Masternet Solid is an external thermal insulation system providing reinforcement of internal cement plaster and waterproof coatings.

Material

Glass fiber, with alkali-resistant and fiber-fixing coating.

Usage

Reinforcing glass fiber mesh for external thermal insulation system overlapping. Moving continually from up to down surface by 10 mm notched trowel, then smoothing it so that the reinforcing mesh is positioned in the middle (by EPS) or in the third (by MW) of the base coat layer and covered completely.

Main application areas

- EPS stucco
- Parging

Packaging

- With per roll 1 m /39.37 “
- Length per roll 45 m / 147.64 ft
- Weight per roll 6.525 kg / 14.38 lb
- Roll size 45 m² / 485 sq ft
- Rolls per pallet 30
- Product code MNP-0150

Storage

Packed rolls are to be stored in dry rooms, protect against UV and heat, practically packed in plastic foil, vertically in cardboard box, on a wooden pallet. The temperature of storing shall be between (-)10°C and (+)40°C.