

Masternet R-140

Fiberglass Mesh

Technical Data

Properties	Test Method	Technical Data
Color		Blue
Length		164ft/50m (±)1%
Width		39.37inch/1m (±)1%
Mesh size (MD/CMD warp/weft)	EAD 040016-00-0404, 2.2.4	(10.0) ±1.0mm
Mesh opening (MD/CMD warp/weft)	EAD 040016-00-0404, 2.2.4	(10.0) ±1.0mm
Weaving accuracy	EAD 040016-00-0404, 2.2.6	pass
Treated fabric weight	EAD 040016-00-0404, 2.2.8	4.4oz/yard ² (145g/m ²)
Organic content	EAD 040016-00-0404, 2.2.2	20 % (±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	36N/mm / 36N/mm
Elongation (MD/CMD – wrap/weft)	ASTM D 5035	<2.5-3.0% / <2.5-3.0%
Average tensile strength after ageing (MD/CMD-warp/weft)	ASTM D 5035	>21 N/mm / 21 N/mm min 50%/50%
Elongation after ageing (MD/CMD warp/weft)	ASTM D 5035	<1.5-2.0% / <1.5-2.0%

Description

Alkali-resistant fiberglass strengthen mesh. Masternet R-140 is proper for in concrete or the reinforcement of traditional plaster , while increasing their strength and reducing the extent of shrinkage cracks..

Material

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

Main application areas

- Concrete
- Parging

Packaging

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|--------------------|-----------------------------|
| • With per roll | 1m /39.37 " |
| • Length per roll | 50m / 164 ft |
| • Weight per roll | 7 kg / 15.5 lb |
| • Roll size | 50m ² / 538 sqft |
| • Rolls per pallet | 30 |

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.