Data Sheet
Smart Wall Reinforcing Mesh – SWM 160

Description

Fiber glass mesh reinforcement is a coated alkaline resistant fiber glass fabric used for Smart Wall rendering system that meets ASTM E2098. Fiber glass mesh has several advantages – high tensile strength, water-proof,and low elongation. Strength and durability are a direct result of the weight of the mesh. It is an ideal material for concrete reinforcing in building Smart Wall system. It is used in conjunction with CT 85 adhesive mortar and work as a reinforcement for both vertical and horizontal joints of Smart Wall panels.

Storage and handling

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 is from -10C to +50C.

Properties	Technical data	Standards
Size, packaging	1.1 m x 50 m, 55 m2 roll	-
Thickness	0.45 mm (min)	-
Square dimension	3.5 mm x 3.55 mm	-
weight	160 g/m2	-
Tensile strength (wrap/weft)	2200N/5cm / 2400N/5cm	ETAG 004
Elongation (wrap/weft)	(on average) 4,0% / 4,2%	ETAG 004
Tensile strength after aging (wrap/weft)	1500N/5cm / 1500N/5cm	ETAG 004
Elongation (wrap/weft)	(on average) 2,7% / 2,6%	ETAG 004

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