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Fire Protection & Insulation Solutions

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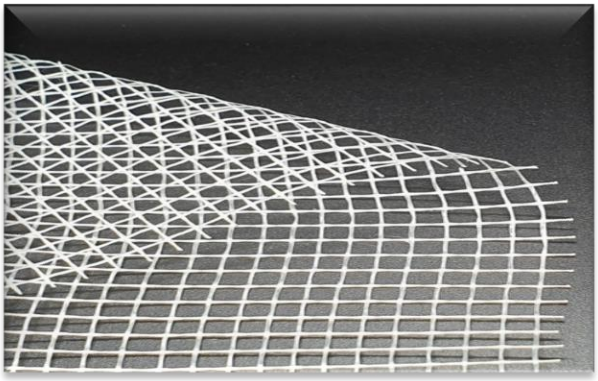
DES10 Scrim

Description

E-glass fiberglass scrim is a woven mesh used to add tensile strength and prevent cracking in construction, repair, and manufacturing. Commonly reinforcing drywall joints, concrete, plaster, and composite materials like membranes, foils, and panels for structural integrity and durability. It's essential for reinforcing weak spots in surfaces, controlling expansion, and improving resistance to impacts and environmental factors



Applications

Drywall & Plaster: Reinforces joints and corners to stop cracks, providing a smooth, strong finish for walls and ceilings.
Concrete: Adds strength to concrete for countertops, decorative elements, and structural components, preventing spalling and cracking.
Mortar: Reinforces plastered mortar to control cracks and add durability.
Tiles: Used as reinforcement for mosaic and marble pavements.
Membranes & Foils: Reinforces roofing membranes, vapor barriers, and aluminum foils for increased strength and puncture resistance.
Composite Materials: Laminated with resins (epoxy, polyester) to strengthen fiberglass, plastics, and other materials, even in complex shapes.
Insulation: Used as a facing or basic cloth for thermal and acoustic insulation.
Packaging: Reinforces products in the packaging industry

Specification	
Weight	60 +- 5% gsm
Mesh size	10 holes x 10 holes per 25mm^2
Aperture	2.5mm
Width – self edged	1000mm
Roll Length	100m
Resin Content	18%
Weave	Leno
Physiologically Harmless refer MSDS	Yes
Combustibility	Non combustible
Tensile strength (Weft)	225 N/25 mm
Tensile strength (Warp)	200 N/25 mm
Yarn (tex)	300x2 warp 67 weft
Thickness	0.2mm
Coating/finishes	Acrylic Alkali resistance coating (22 +- % resin content)

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