



IMPERMASHIELD TRELIS DB FIBERGLASS REINFORCEMENT MESH

This material features a non-organic, woven glass fiber fabric coated with organic resin, offering versatility with a wide range of Impermashield waterproofing cold-applied coatings. The fabric is lightweight, non-absorbent, and highly resistant to decay, tearing, and wear, providing robust bi-directional tensile strength. These properties facilitate a high bitumen-to-fiber ratio in built-up systems, making it ideal for repairs in both new and existing structures. It is suitable for various applications including foundations, concrete slabs, tunnels, subways, pipe joint wrapping, parapet walls, and plaza decks. ASTM D-1668/D-1668M TYPE I* (American Society For Testing Materials) and FEDERAL PEC. HH-C-46

*NOTE: ASTM D-1668/D-1668M has been approved for use by agencies of the Department of Defense to replace Federal Specification HH-C-466 and for listing in the DoD Index of Specifications and Standards.

Testing Item		Average Value
Yarn/Roving Spec.(Tex)	Warp Yarn	330 Tex
	Weft Roving	330 Tex
Breaking Strength(N/50mm)	Warp Yarn	≥1700N
	Weft Roving	≥2000N
Alkali-resisting Breaking Strength (N/50mm) (Bear the alkaline, 5% sodium hydroxide solution stay 6 hours)	Warp Yarn	≥850N
	Weft Roving	≥1000N
Glue Type		Acrylic
Weaving type		Leno
LinearWeight (g/m ²)		160g ±3g/m ²
Weight of the Raw Mesh (g/m ²)		138 g/m ²
Mesh Size (mm)		4mm × 4mm(±0.5)
Glue Content (%)		14 ±0.5%
Moisture Content (%)		≤ 0.7%
Fixation (N)		≥ 2.5±0.5 N
Width (cm)		100 cm
Roll Length (m/roll)		50±0.3 m/roll