

## Technical Data

## Alkali Resistant Mesh

### Product Introduction

Fiberglass Alkali Resistant mesh is made from C-glass woven fabric then coated by acrylic acid copolymer liquid. This alkali-resistant mesh has excellent properties including water resistance, flexibility, softness, resistance to aging and attack from breakdown. It is widely used for waterproofing in roofing applications, reinforcement for natural marble, plasterboard, and Exterior Insulation Finishing Systems (EIFS).

### Product Description

The fiberglass alkali resistant mesh fabric is an ideal engineering material in construction with the following applications:

**Exterior Insulation Finishing Systems (EIFS):** Fiberglass alkali resistant mesh is an integral part of the structure in EIFS. The fiberglass mesh has high strength, good cohesion, and can combine with EPS board firmly. Moreover, it can resist alkaline

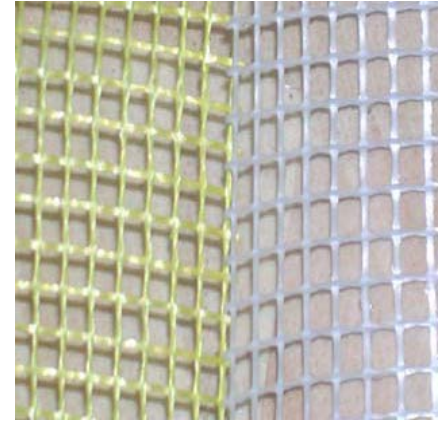
properties of cement and other structural compounds.

**Roofing:** As the waterproof medium (bitumen) is weak itself, the roofing system is easily cracked due to temperature changes, sunlight and wind. When fiberglass mesh is added to the system it can strengthen the ability to resist this influence because of its properties of high tensile strength and alkali resistance.

**Concrete Cement:** Fiberglass mesh is ideal to reinforce concrete cement because of its high strength, corrosion resistant, strong elastic modulus, fracture strength and balanced structure.

### Packaging

The Alkali Resistant Mesh is wound into a roll on a cardboard inner tube with an inside diameter of 5cm (2"). Each roll is wrapped with a plastic bag and four (4) rolls are placed in a cardboard box. 12 boxes are placed



horizontally with 4 boxes x 3 layers on a pallet, which is stretch wrapped.

### Stacking

To ensure safety and avoid damage to the product, skids should not be stacked more than two high. When stacking two pallets high, care should be taken to correctly and smoothly place the top pallet.

### Customer Benefits

Good chemical stability: alkali resistant, acid resistant, waterproof, cement erosion resistant

Mildew and rot resistant

Heat proof, cold proof, fire resistant, thermal insulation

Good dimensional stability: with stable resin bonding and high tear strength, smooth, shrink and deformation resistant

## Product data

<b>Product Name</b>		AR Fiberglass Mesh Cloth
<b>Product Code</b>		H2-045-38J
<b>Woven Structure</b>		LENO
<b>Input Yarn (TEX)</b>	<b>Warp</b>	134*1*2
	<b>Weft</b>	280
<b>Density (ends/in)</b>	<b>Warp</b>	6 ± 0.5
	<b>Weft</b>	6 ± 0.5
<b>Unit Weight (gsm)</b>	<b>Greige</b>	130 ± 6
	<b>Finished product</b>	152 ± 8
<b>Tensile Strength (N/50mm)</b>	<b>Warp</b>	≥ 1200
	<b>Weft</b>	≥ 1200
<b>Binder Content (%)</b>		16 ± 2
<b>Coating Type</b>		Fire Resistant
<b>Moisture Content (%)</b>		≤ 1
<b>Roll Width (inch)</b>		38
<b>Roll Length (feet)</b>		150

## Disclaimer of Liability

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