



## Reinforcement Mesh

### Product Description

AQUAFIN-4x4-MESH is a fiberglass mesh treated with an acrylic based specialty coating that provides alkali resistance and flame retardance. It reinforces the tear resistance of AQUAFIN-2K/M, DECORFLEX-P, DECORFLEX-R and similar waterproofing or insulation products.

### Typical Application

Reinforcing of AQUAFIN flexible cementitious protective coating and waterproofing products over:

- cracks
- zones posed to cracking
- construction joints
- wall/floor or wall/wall joints
- corners.

### Installation Method

AQUAFIN-4x4-MESH is supplied in rolls of 38" x 50 YD (0.965 m x 45.7 m). It can be cut in strips or any desired shape, to be used over individual cracks, or used in sheets to reinforce entire surfaces. It can also be folded into corners for added strength.

- Install 1st coat (layer) AQUAFIN-2K/M or DECORFLEX-P or R.
- Immediately embed AQUAFIN-4x4-MESH into fresh (wet) layer, using a steel trowel.
- Work from center to the edges of the mesh.
- Smooth out any wrinkles in the mesh forcing it down.
- Cover with 2nd coat AQUAFIN-2K/M or DECORFLEX-P or R, same or next day.

- ⇒ Overlap mesh joints at least 2½-inches (65 mm).
- ⇒ Double-wrap mesh over exposed corners for extra reinforcement.
- ⇒ For vertical surfaces where full width is desired, work from top to bottom.
- ⇒ Trim any excess exposed mesh.

**Note:**

1. 4x4-MESH reduces the elongation of "2K/M", "P" or "R" coating layers up to 90%.
2. add 10% to 20% additional quantity AQUAFIN-2K/M, DECORFLEX-P or R in your calculations to properly embed the 4x4-MESH.

### Storage & Shelf Life

Store in a dry enclosed area off the ground, on its roll or lying flat. Crumpled, wrinkled or creased mesh may be difficult to work with. Protect from direct sunlight.

Shelf life in unopened, original packaging is 2 years.

### Packaging & Yield

Roll of: 38" x 150 FT = 475 SF (0.965 m x 45.7 m = 44.1 m<sup>2</sup>).

Weight: 15 lbs (6.8 kg) per roll.

### Safety

Refer to MSDS.

**FOR COMMERCIAL USE ONLY.**

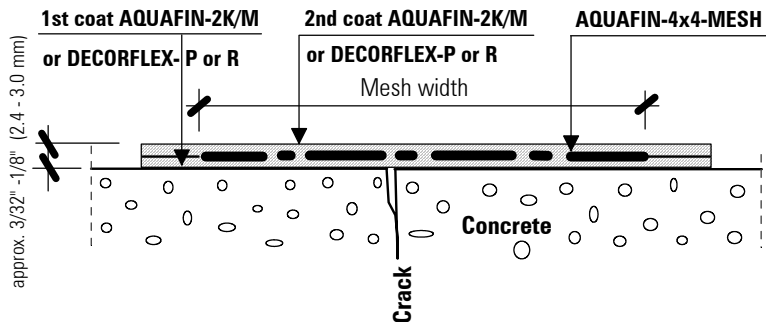
Contains fiberglass. Use adequate ventilation. Safety goggles and protective gloves are recommended.

**KEEP OUT OF REACH OF CHILDREN.**

### Technical Data

Material:	Acrylic based coated fiberglass mesh		
Finish:	Alkali resistant; Flame retardant		
Color - Weave:	White - Leno		
VOC:	0 g/L		
Construction:	Warp: 6.0/inch (23.7/10 cm) Weft: 5.9/inch (23.2/10 cm)	ASTM D-3775	
Mesh size:	~0.16" x 0.16" (~4 x 4 mm)		
Thickness:	0.017" or 17 mils (0.43 mm)		ASTM D-1777
Basis Weight:	~4.6 oz/yd <sup>2</sup> (~156 g/m <sup>2</sup> )		ASTM D-3776
Tensile Strength: minimum	Warp: 200 psi (980 N/2.54 cm) Weft: 210 psi (940 N/2.54 cm)	ASTM D-5035	

### Example of a typical installation (schematic)



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(12/28/11)