

DESCRIPTION

- ADEX reinforcing mesh is a glass fibre reinforced mesh coated with an alkali-resistant finish. The mesh is shiftproof with trimmed edges to minimize the build on overlapping seams.

USE

- ADEX reinforcing mesh provides increased surface strength, flexibility, and impact and crack resistance when embedded in base coats, such as, ADEX base or NIVELEX.
- Suitable for use in a variety of ADEX EIFS applications.

TYPES OF REINFORCING MESH

- Unitape Mesh (Self-adhesive) 65g/m² (2oz/yd²)
For use on joints treatments.
- Quick Tape Mesh (Self-adhesive) 65g/m² (2oz/yd²)
Only for use on moulding and substrate joints.
- Starter Mesh 155g/m² (4.5oz/yd²)
For use at wall terminations and opening edges.
- Standard Mesh 155g/m² (4.5oz/yd²)
For wall surfaces subject to normal impact.
- Standard Mesh Plus 190g/m² (6oz/yd²)
For wall surfaces subject to normal impact.
- Intermediate Mesh 375g/m² (11oz/yd²)
For wall surfaces subject to medium impact.
- Armour Mesh 500g/m² (15oz/yd²)
For surfaces requiring high impact resistance.
- Corner Mesh 500g/m² (9oz/yd²)
For added protection & detailing of wall corners.
- HC Mesh 160g/m² (4.7oz/yd²)
For use in the ADEX-HC system.

Initial Rupture Resistance

Requirement: ≥ 35 (daN/cm)

Pass.

Loss of Rupture Resistance

Requirement: ≤ 60 (%)

Pass.

Residual Resistance after 90 days of Exposure to Alkalis (N/mm)

Requirement: ≥ 15

Pass.

Treated to resist alkalis in accordance to ANSI/EIMA 99-A-2001 standards.

Meets ASTM E-2098, ASTM D-5035 standards.

- Properties (6 oz/yd² mesh and more)
- Test Requirement
- Result

DIMENSIONS AND COVERAGE

- Unitape Mesh (Self-adhesive)
7.6 cm x 45.7 m
(3 in. x 150 ft.)
- Quick Tape Mesh (Self-adhesive)
41.8 m² (450 ft²) 91.4 cm x 45.7 m
(36 in. x 150 ft.)
- Starter Mesh
25 cm x 44 m
(9.84 in. x 144 ft.)
- Standard Mesh
44 m² (472 ft²) 1 m x 44 m (39,4 in. x 144 ft.)
- Standard Mesh Plus (6oz)
44 m² (472 ft²) 1 m x 44 m (39,4 in. x 144 ft.)
- Intermediate Mesh
22 m² (236 ft²) 100 cm x 22 m
(39,4 in. x 75 ft.)
- Armour Mesh
22 m² (236 ft²) 100 cm x 22 m
(39,4 in. x 75 ft.)
- Corner Mesh
24.1 cm x 45.7 m
(9.5 in. x 150 ft.)
- HC Mesh
44.1 m² (475 ft²) 96.5 cm x 45.7 m
(38 in. x 150 ft.)

IMPACT RESISTANCE*

- Starter Mesh
2.83 to 3.95 Joules (25-35 in-Lbs.)
 - Standard Mesh
2.83 to 3.95 Joules (25-35 in-Lbs.)
 - Standard Mesh Plus (6oz)
3.95 to 5.54 Joules (35-49 in-Lbs.)
 - Intermediate Mesh
5.65 to 10.1 Joules (90-120 in-Lbs.)
 - Armour Mesh
10.2 to 16.9 Joules (90-150 in-Lbs.)
- *Source EIMA

TENSILE STRENGTH

- Untape Mesh (Self-adhesive)
Warp: 13.8 N/mm (80 Lbs/in.)
Weft: 16.9 N/mm (95 Lbs/in.)
- Quick Tape Mesh (Self-adhesive)
Warp: 13.8 N/mm (80 Lbs/in.)
Weft: 16.9 N/mm (95 Lbs/in.)
- Starter Mesh
Warp: 40.0 N/mm (228 Lbs/in.)
Weft: 46.0 N/mm (263 Lbs/in.)
- Standard Mesh
Warp: 40.0 N/mm (228 Lbs/in.)
Weft: 46.0 N/mm (263 Lbs/in.)
- Standard Mesh Plus
Warp: 50.0 N/mm (285 Lbs/in.)
Weft: 60.0 N/mm (343 Lbs/in.)
- Intermediate Mesh
Warp: 77.0 N/mm (440 Lbs/in.)
Weft: 84.0 N/mm (480 Lbs/in.)
- Armour Mesh
Warp: 110 N/mm (628 Lbs/in.)
Weft: 100 N/mm (571 Lbs/in.)
- HC Mesh
Warp: 29.5 N/mm (170 Lbs/in.)
Weft: 51.6 N/mm (295 Lbs/in.)

APPLICATION NOTES

- All ADEX reinforcing mesh edges must overlap each other by a minimum of 64 mm (2-1/2"), except for the Intermediate and Armour mesh, where no overlapping is required (mesh ends are butted together).
- Intermediate mesh and Armour mesh applications require an additional layer of Standard mesh overtop.

STORAGE

- Store mesh out of direct sunlight and out of inclement weather.

LIMITATIONS

- During installation, minimise the mesh's exposure to temperatures above 32 °C (90 °F).
- ADEX reinforcing mesh must be purchased from ADEX Systems or from one of its authorised distributors in order to satisfy an ADEX Systems warranty.

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