

## 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/m<sup>2</sup> (2oz/yd<sup>2</sup>)  
For use on joints treatments.
- Quick Tape Mesh (Self-adhesive) 65g/m<sup>2</sup> (2oz/yd<sup>2</sup>)  
Only for use on moulding and substrate joints.
- Starter Mesh 155g/m<sup>2</sup> (4.7oz/yd<sup>2</sup>)  
For use at wall terminations and opening edges.
- Adhesive Starter Mesh 155g/m<sup>2</sup> (4.5oz/yd<sup>2</sup>)  
For use at wall terminations and opening edges.
- Standard Mesh / Standard Mesh 48" 155g/m<sup>2</sup> (4.7oz/yd<sup>2</sup>)  
For wall surfaces subject to normal impact.
- Standard Mesh Plus 190g/m<sup>2</sup> (6oz/yd<sup>2</sup>)  
For wall surfaces subject to normal impact.
- Intermediate Mesh 375g/m<sup>2</sup> (11oz/yd<sup>2</sup>)  
For wall surfaces subject to medium impact.
- Armour Mesh 500g/m<sup>2</sup> (15oz/yd<sup>2</sup>)  
For surfaces requiring high impact resistance.
- Corner Mesh 500g/m<sup>2</sup> (9oz/yd<sup>2</sup>)  
For added protection & detailing of wall corners.
- HC Mesh 160g/m<sup>2</sup> (4.2oz/yd<sup>2</sup>)  
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/yd<sup>2</sup> 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 m<sup>2</sup> (450 ft<sup>2</sup>) 91.4 cm x 45.7 m (36 in. x 150 ft.)
- Starter Mesh 25 cm x 44 m (9.84 in. x 144.4 ft.)
- Adhesive Starter Mesh 25 cm x 44 m (9.84 in. x 144.4 ft.)
- Standard Mesh / Standard Mesh 48" 44 m<sup>2</sup> (474 ft<sup>2</sup>) 100 cm x 44 m (39,4 in. x 144.4 ft.)  
55.2 m<sup>2</sup> (594 ft<sup>2</sup>) 120 cm x 46 m (48 in. x 150 ft.)
- Standard Mesh Plus (6oz) 44 m<sup>2</sup> (472 ft<sup>2</sup>) 1 m x 44 m (39,4 in. x 144 ft.)
- Intermediate Mesh 22 m<sup>2</sup> (236 ft<sup>2</sup>) 100 cm x 22 m (39,4 in. x 75 ft.)
- Armour Mesh 22 m<sup>2</sup> (236 ft<sup>2</sup>) 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 m<sup>2</sup> (474 ft<sup>2</sup>) 100 cm x 44 m (39.5 in. x 144 ft.)
- Adhesive Mesh for Mouldings 42.5 m<sup>2</sup> (457 ft<sup>2</sup>) 96.5 cm x 44 m (38 in. x 144 ft.)  
14 m<sup>2</sup> (150 ft<sup>2</sup>) 31.8 cm x 44 m (12.5 in. x 144 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.

This document contains current information on the product. It is only provided as a guide and is subject to modifications at any time without notice. ADEX Systems Inc. reserves the right to make any modification according to technological progress. Specialised designers, architects, engineers or other professionals that choose to make any use of this information bear the complete responsibility, whatever it be, direct or indirect, that could follow from such use. ADEX Systems Inc. does not bear any responsibility that could give way to damages, defaults, defects, deficiencies, prejudices, loss or decrease of profit, be they direct or indirect, resulting from such use of this information by specialised designers, architects, engineers or other professionals. Please refer to [www.adex.ca](http://www.adex.ca) for the latest version of this document.

September 2021