

DESCRIPTION

- ADEX PVC CORNER with MESH is a factory formed PVC corner bead with integrated glass fibre reinforcing mesh coated with an alkali-resistant finish.
- The mesh wings and perforated corner bead are embedded into ADEX EIFS basecoat to create a durable corner at locations where higher traffic is expected.

USE

- PVC CORNER with MESH allows for perfectly straight corners and edges while also increasing the 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.

CODE

- TRCOPVC

PACKAGING

- 50 Pieces / Box

DIMENSIONS

- Length = 2.5 metres (8.2 feet).
- Mesh = 254 mm (10" wide) mesh divided into two sections. 102mm/152mm sections from the corner (4"/6").

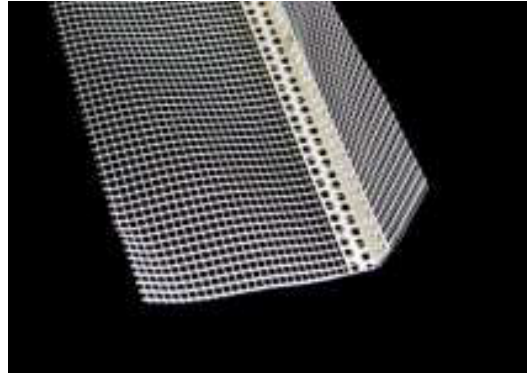
COVERAGE

- One box covers 125 lineal metres (410 lineal feet).

TESTING & DATA

Raw mesh weight	
ISO 3374	111g / 1m
Finished mesh weight	
ISO 3374	135g / 1m
Tensile strength	
ISO 4606	1900 x 1900N / 5cm
Fracture elongation	
ISO 4606	4.5 x 4.5%

- Properties
- Test Requirement
- Result



SURFACE PREPARATION

- ADEX PVC CORNER with MESH must be installed on an approved substrate or on a surface that has been specifically designed for its use.
- Surfaces must be clean, dry, and in good condition, without efflorescence, grease, oil or paint, or any other contamination that could affect the installation.
- Outside corners of insulation boards shall be staggered and interlocked, with tightly abutted joints.
- ISODEX and cement boards shall have abutted joints and be shimmed (where necessary) to create plumb and square outside corners.
- Protect and mask surrounding areas from accidental contact with ADEX base.

APPLICATION

- Install PVC CORNER with MESH prior to the installation of ADEX STANDARD MESH.
- When installing multiple layers of mesh protection, such as ARMOUR MESH or INTERMEDIATE MESH, install PVC CORNER with MESH otop of these initial layers prior to the top layer of mesh.

- Whenever possible, use full-length pieces of PVC CORNER with MESH. As required, cut to size using manual tin snips.
- With a stainless steel trowel, apply BASE COAT, DRYMIX, or NIVELEX to a uniform thickness of approximately 1.6 mm (1/16") to the outside corners to receive the corner accessory.
- Carefully place the PVC CORNER with MESH into place and adjust without sliding. Once in place, press the corner accessory into the wet basecoat.
- With your trowel, fully embed the PVC CORNER with MESH into basecoat. Work material from the corner to the mesh edges in order to keep the accessory tight to surface. Feather edges to avoid excess build up of basecoat material. The final thickness shall be such that the PVC CORNER with MESH is fully embedded and not visible.
- Where two pieces of PVC CORNER with MESH meet each other, abut the ends together and overlap the mesh 'tail' onto the adjoining piece.
- When installing field mesh (Adex STANDARD MESH) overlap the mesh and PVC corner bead. For additional reinforcement, wrap field mesh around the corner, a minimum of 203mm (8") in both directions.

LIMITATIONS

- PVC CORNER with MESH allows for perfectly straight corners and edges while also increasing the impact and crack resistance when embedded in base coats, such as ADEX BASE or NIVELEX.

APPLICATION NOTES

- For crisp corner details, use an appropriate sized corner tool.
- 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

- PVC CORNER with MESH is suitable for 90 ° outside corner applications. For reinforcement of all other corner angles, refer to flexible ADEX CORNER MESH.
- 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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