

Cemprotec Scrim & Edge Scrim

Glass Fibre Reinforcement for Cementitious Systems

Product Overview

Latex coated open weave glass scrim with excellent resistance to alkaline environments.

Uses

Supplied in two grades for the reinforcement of the Flexcrete range of cementitious mortars and coatings:

CEMPROTEC SCRIM: Particularly suited for general reinforcement over large areas of cracking/crazing or weak/friable substrates, particularly insulation, to provide increased tensile strength and impact resistance.

CEMPROTEC EDGE SCRIM: For localised reinforcement over joints or cracks to provide increased tensile strength. Can also be used over welds or edges of steel sections to help maintain correct film thickness. Self-adhesive.

Advantages

- Latex coated to prevent alkali attack.
- Easily cut to any length to reinforce a range of different areas.
- Tough glass mesh gives multi-directional tensile strength enhancement.
- **CEMPROTEC EDGE SCRIM** is self-adhesive and will adhere to steel substrates.

Technical Data

Property	CEMPROTEC SCRIM	CEMPROTEC EDGE SCRIM
Weight	160g/m ²	62g/m ²
Tensile Strength	1750N/5cm	467N/5cm
Elongation	>4.0% (Warp) >3.5% (Weft)	>3.0% (Warp) >3.0% (Weft)
Roll Dimensions	1m width x 50m length	50mm width x 90m length

Application Instructions

Please consult the relevant Flexcrete membrane Data Sheet and Application Guide for details on substrate preparation, priming and application.

Preparation

CEMPROTEC SCRIM or **EDGE SCRIM** should be cut to the required size with scissors or a sharp knife prior to starting the work. When working around corners or angles, **CEMPROTEC SCRIM** can be scored lightly to help it follow the substrate. **CEMPROTEC EDGE SCRIM** can be attached to the substrate prior to embedment.

Embedment

CEMPROTEC SCRIM & EDGE SCRIM (CONCRETE):

1. Cut **CEMPROTEC SCRIM & EDGE SCRIM** to size using scissors or sharp knife prior to installation.
2. Apply an initial embedment layer of the selected Flexcrete cementitious mortar or cementitious coating to the area to be treated and lay the pre-cut **CEMPROTEC SCRIM & EDGE SCRIM** into the wet material.
3. Lightly embed the reinforcement using gentle pressure from a paintbrush or trowel, taking care not to deform.
4. Allow to stabilise and apply further material as before to fully obliterate the reinforcement.
5. On completion, carefully check for pinholes and misses. Spot treat as necessary.
6. Immediately spray apply **FLEXCRETE CURING MEMBRANE WB** to aid curing.

CEMPROTEC EDGE SCRIM (STEEL):

1. Adhere **CEMPROTEC EDGE SCRIM** over welds and around cut edges, ensuring it lies flat and free from wrinkles and remains fully bonded.
2. Apply an initial 1mm of **CEMPROTEC** cementitious coatings by brush to ensure any reinforcement is fully encapsulated.
3. Allow to stabilise for 30-60 minutes before applying Flexcrete cementitious mortar or cementitious coating to fully obliterate the reinforcement (see separate Application Guides).
4. On completion, carefully check for pinholes and misses. Spot treat as necessary.
5. Immediately spray apply **FLEXCRETE CURING MEMBRANE WB** to aid curing.



Shelf Life

Indefinite when stored in dry conditions in original packaging.

Health and Safety

Safety Data Sheets are available on request.

Application Top Tips

1. Regularly check the **CEMPROTEC** cementitious coating or mortar thickness during application.
2. Use sufficient pressure to draw the **CEMPROTEC** cementitious coating or mortar up through the open mesh of the **CEMPROTEC SCRIM**.
3. When used in a render, encapsulate the **CEMPROTEC SCRIM** close to the surface finish to increase impact resistance.
4. Detail work should be carried out prior to large scale waterproofing.
5. When treating corners, cut **CEMPROTEC SCRIM** or **EDGE SCRIM** to the desired length and pre-fold to create a centre crease and embed as normal.
6. In vertical and overhead applications, **CEMPROTEC SCRIM** may require some additional support whilst the **CEMPROTEC** cementitious coating stabilises.
7. In cold, humid conditions, condensation may form on the **CEMPROTEC** cementitious coating or mortar resulting in darkening of finish and retardation of set.
8. Apply **CURING MEMBRANE WB** as an even, fine mist spray. Do not over-apply or allow to pond on the surface or cracking may occur.

The information herein is correct to the best of our knowledge, but it does not necessarily refer to the particular requirements of the customer. If the customer has any particular requirements it should make them known in writing to Flexcrete Technologies Limited, and obtain further advice accordingly.



FM 41091 Quality
 EMS 597350 Environmental
 OHS 597351 Health & Safety

