

Cemprotec Flex-Tape

Multi-Directional Reinforcing Tape for Cracks and Joints

Product Overview

Light and heavy duty grades of multi-directional nylon polyamide tape.

Uses

CEMPROTEC FLEX-TAPE is specially designed for easy embedment in the Flexcrete range of decorative protective coatings to ensure continuity of a seamless finish over cracks or joints, and at junctions between dissimilar substrates. Available in two grades, **CEMPROTEC FLEX-TAPE LD** may be used to cover static cracks and joints, whereas for larger cracks and joints which are subject to movement, **CEMPROTEC FLEX-TAPE HD** is recommended. By introducing **CEMPROTEC FLEX-TAPE** into the applied membrane, a fully waterproof and permanently flexible finish is assured. **CEMPROTEC FLEX-TAPE** is non-degrading and is suitable for both internal and external applications.

Advantages

- Unique composition specially designed for use with Flexcrete membranes.
- Will accommodate thermal and structural movement in widely varying conditions.
- Easily cut to any length to reinforce a range of crack sizes
- Tough, flexible nylon polyamide mesh gives multi-directional tensile strength enhancement.
- Enhances the naturally elastomeric properties of the Flexcrete membrane.
- Fast, easy and consistent embedment ensures rapid installation on site.

Compatible Coatings

CEMPROTEC FLEX-TAPE can be used in conjunction with the following Flexcrete range of decorative, anti-carbonation hygiene and roof coatings:

MONODEX SMOOTH
MONODEX ULTRA
MONODEX UVC
BIODEX HB
BIODEX SHEEN
ROOFDEX HB

Note: For **MONODEX TEXTURED** applications, use **MONODEX SMOOTH** as the embedment coat.

Technical Data

Property	CEMPROTEC FLEX-TAPE	
	Light Duty	Heavy Duty
Weight	30g/m ²	70g/m ²
Roll Dimensions	5cm width x 50m length	7.5cm or 15cm width x 50m length
Transverse Elongation	≥ 45%	≥ 250%

Application Instructions

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

Preparation

Fill live cracks, construction joints and joints between dissimilar materials with a suitable exterior grade flexible filler. When treating expansion joints, apply masking tape (at least 25mm wide) centred over the joint.

CEMPROTEC FLEX-TAPE should be cut to the required size with scissors or a sharp knife before starting the work.

Application

Apply an initial embedment coat to the area to be treated at the following thickness:

CEMPROTEC FLEX-TAPE LD: 500µm

CEMPROTEC FLEX-TAPE HD: 600µm

Lay the pre-cut **CEMPROTEC FLEX-TAPE** into the wet coating. Lightly embed the tape using gentle pressure from a paint brush, taking care not to deform or stretch the tape to produce an even finish which is free of wrinkles. Gently apply further material to obliterate the tape and allow to dry thoroughly.

If required, lightly sand to remove any prominent edges before application of a full overall application of the appropriate Flexcrete membrane.

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. Rough, porous or irregular substrates will reduce coverage.
2. **CEMPROTEC FLEX-TAPE (Light Duty)** may be used to cover static cracks and joints.
3. **CEMPROTEC FLEX-TAPE (Heavy Duty)** is suitable for larger cracks and joints which are subject to movement.
4. For **MONODEX TEXTURED** applications, use **MONODEX SMOOTH** as the embedment and obliteration coats.
5. Successive strips of **FLEX-TAPE** should be overlapped by a minimum of 50mm.

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.



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