

Mat Fibre Reinforcement

FORMERLY FLEXCRETE CEMPROTEC Geo80

PRODUCT DESCRIPTION

A thermally bonded, non-woven geotextile based on 100% polypropylene polymers.

INTENDED USES

Specifically designed as a general reinforcement for elastomeric cementitious coatings such as Intercrete 4842, particularly on roofs or other areas of cracked concrete where further movement is possible. It provides additional toughness to the film whilst still maintaining a high degree of flexibility.

The unique mechanical and thermal bonding process utilised by Intercrete 4873 ensures maximum strength in all directions and it can be easily cut to any length to reinforce a range of different areas.

PRACTICAL INFORMATION FOR INTERCRETE 4873

| | |
|-------------------------|---------------------------------|
| Colour | White |
| Weight | 80g/m ² |
| Elongation | 40% (Warp) / 40% (Weft) |
| Tensile Strength | 60kN/m |
| Shelf Life | 24 months minimum @ 25°C (77°F) |
| Pack Size | 1.125m wide roll x 50m length |

Results for Intercrete 4842 reinforced with Intercrete 4873:

| Property | Tests carried out on a 2mm composite film at 20°C: |
|--------------------|--|
| Tensile Strength | 4.0MPa |
| Tensile Elongation | 60% |

COMPLIANCE AND CERTIFICATION:

When used as part of an approved scheme, this material has the following certification:



Protective Coatings

Mat Fibre Reinforcement

APPLICATION

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

Preparation

Intercrete 4873 should be cut to the required size with scissors or a sharp knife prior to starting the work. When working around corners, angles, details, etc., Intercrete 4873 should be trimmed to minimise overlapping.

Embedment

1. Apply a 1mm embedment coat of Intercrete 4842 by brush, float, skid leveller or using spray techniques. Regularly check thickness with a wet film gauge.
2. Lightly embed the Intercrete 4873 using gentle pressure ensuring full contact with the wet embedment coat using brush or roller techniques. The unique mechanical and thermal bonding process ensures maximum strength in all directions.
3. Ensure the Intercrete 4873 lies flat and free from wrinkles. Where necessary, trim overlaps to typically 25mm.
4. Adjacent applications should overlap by 25mm.
5. On deck or roof areas, before proceeding with the finishing coat, allow to cure sufficiently to take foot traffic, typically 1-2 days in cooler conditions.
6. Apply a second 1mm coat of Intercrete 4842 to obliterate the reinforcement and allow to dry thoroughly.
7. On completion carefully check for pinholes and misses. Spot treat as necessary.
8. Protect from rapid drying; either use Intercrete 4870 sprayed in fine mist coats onto the wet surface or broadcast Intercrete 4854 into the wet surface to cure and provide a non-slip finish.

APPLICATION TIPS

- Detail work should be carried out prior to large scale waterproofing.
- Keep the wet edge of the coating live with a steady supply of mixed material and regular spike rolling on horizontal applications.
- Regularly check the thickness of the coating during application with a wet film gauge.
- Fresh material can be joined up to existing hardened material using a simple 25mm overlap joint.
- Only use sufficient pressure to start to draw the coating up through the open texture of the Intercrete 4873. Do not force the reinforcement to the bottom of the embedment coat. It should just sit in the surface.
- When treating corners or other details, cut Intercrete 4873 to the desired length and pre-fold to create a crease as necessary and embed as normal.
- Unless levelled prior to application, tamped or irregular substrates will not only increase the consumption of the coating but will also make it difficult to embed the Intercrete 4873.
- For large areas, divide into strips equal to the width of the reinforcement. Treat whole strips within the working life of the material (no later than 10 minutes), to prevent cold joints and provide an even appearance. Adjacent strips should overlap by 25mm.
- In hot and windy conditions, the surface of the Intercrete 4842 will skin so it is important that the area is shaded the area is shaded and the Intercrete 4873 embedded immediately.

SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS) which International Protective Coatings has provided to its customers.

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

IMPORTANT NOTE

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given is subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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