

Flexible Waterproof Sealing Tape

FORMERLY FLEXCRETE CEMPROTEC 2000-BJT

PRODUCT DESCRIPTION

A high performance butyl tape which is designed to join two pieces of Intercrete 4872 waterproof composite tape together.

INTENDED USES

Specifically designed to be embedded in the Intercrete range of cementitious coatings, it forms an elastomeric joint between two lengths of Intercrete 4872 to accommodate movement

Supplied as a 100mm wide preformed strip on siliconised release paper, the backing strip is simply removed upon application and can be easily repositioned if required. The foam component allows excellent compression without squeezing the sealant out of the joint.

Non-toxic and approved for use in contact with potable water, Intercrete 4874 remains flexible throughout its service life and is ideal for use in a wide range of waterproofing applications, such as reservoirs, water tanks, roof slab and projects in enclosed locations where it is not suitable to use solvent-based or hot welded products.

PRACTICAL INFORMATION FOR INTERCRETE 4874

Colour	White
Elongation	Typically 600% (ASTM D-638)
Joint Movement	Typically 100% of joint width
Impermeability	Resists 10 bar water pressure
Temperature Range	-20°C. to +90°C. (-4°F to +194°F)
Typical Thickness	400 microns (16mils).
Shelf Life	24 months minimum at 25°C (77°F), Store in dry conditions in original packaging.
Pack Size	10cm wide: 10m roll

COMPLIANCE AND CERTIFICATION:

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

- WRAS approved for use in contact with potable water.



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SURFACE PREPARATION

Concrete Substrates

The areas to be treated must be free from all unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Smooth surfaces should be roughened, all loose material and surface laitance removed, and steel cleaned to bright metal preferably using wet grit or water blasting techniques or equivalent approved methods. The strength of the concrete sub-base should be a minimum of 20MPa. Ensure all surfaces are fully saturated but free from standing water.

APPLICATION

Priming

Seal floors and deck areas using Intercrete 4850. See relevant Data Sheet.

Placing

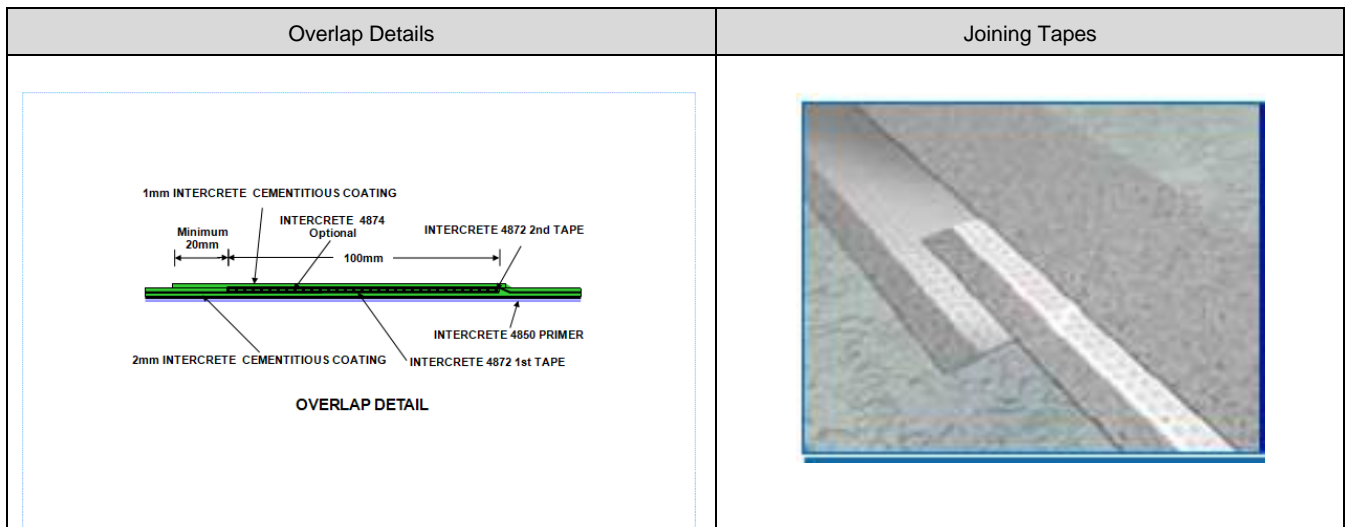
Apply 25mm wide masking tape centrally over the crack or joint before applying, by brush, a 1mm thick coat of Intercrete 4840 or Intercrete 4841 extending a minimum of 20mm beyond the edges of the reinforcing tape. Uniformly embed Intercrete 4872 using a brush, trowel or similar, ensuring there are no wrinkles. Leave until stable and apply a final 1mm coat of Intercrete cementitious coating encapsulating the Intercrete 4872 as shown in the detail drawings. In applications where a high degree of movement is expected apply Intercrete 4842 as the top coat.

Over expansion joints, leave additional slack in the tape to allow for the designed degree of joint movement. An optional second tape can be installed where additional protection is required.

Tape Joints and Overlaps

Create joints or overlaps, e.g. at tape intersections, using a 100mm length of Intercrete 4874 self-adhesive butyl strip, cut to width. Use a hard roller to achieve full bond. Alternatively, join a second length of tape to the top of an adhered tape by applying 1mm of Intercrete cementitious coating with a 100mm overlap. Intercrete 4842 should not be used for this procedure.

SCHEMATIC DETAILS



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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