



# HYDROBAND 2000

## WATERPROOF REINFORCEMENT TAPE

### DESCRIPTION

HYDROBAND 2000 is a composite tape which is embedded into the PREMCRETE range of cementitious coatings to provide a highly flexible water-resistant seal over cracks, construction joints and expansion joints in waterproofing applications. It is an elastomeric yet highly tear resistant breathable membrane which is designed to be embedded into the freshly applied waterproof coating to provide extra reinforcement.

### USES

HYDROBAND 2000 is used as a reinforcement tape for sealing cracks and joints in structures where resistance to water is required. This includes applications such as basements, culverts, tunnels, retaining walls, swimming pools, etc.

### ADVANTAGES

- Resistant to water under 10 bar hydrostatic pressure.
- Provides robust but flexible seal for the lifetime of the structure to which it has been applied.
- Highly elastomeric, allowing for in excess of 500% elongation.
- Suitable for use with all PREMCRETE cementitious coatings.
- Design life at least equal to that of the structure where it is incorporated.

Property	Value
Form	White flexible membrane
Thickness	0.35mm
Permeability	Resists 10 bar hydrostatic pressure
Elongation	500%

### COMPLIANCE

- WRAS approved.
- Suitable for contact with potable water.

# HYDROBAND 2000

## WATERPROOF REINFORCEMENT TAPE.

### PROCEDURE

**Surface Preparation:** The joints to which the HYDROBAND 2000 is to be applied should be free from all live water ingress. The concrete should be sound and free from all deleterious material. Surface laitance should be removed by mechanical means such as grinding or grit blasting. If the membrane is to be applied to a metal surface, then the steel should be correctly prepared to achieve a bright metal. Concrete surfaces should be diamond grinded, grit-blasted or cleaned using a high-pressure water jet. The substrate should be free from all standing water before application commences.

**Substrate Priming:** Horizontal substrates should be primed using EPOPRIME AC prior to the application of the PREMCRETE cementitious coating. Refer to separate technical datasheet.

**Application:** A suitable debonding tape should be applied centrally over the crack or joint to prevent the HYDROBAND 2000 bonding directly over the line of the crack. The PREMCRETE cementitious coating should be applied either side of the debonding tape typically as a 2mm coating extending to at least 50mm beyond the edge of the HYDROBAND 2000. The HYDROBAND 2000 should be carefully embedded into the freshly applied coating, trowelling firmly into the wet coating to ensure there are no air bubbles or creases occurring. Once the cementitious coating has become stable, then a second 1mm thick coating should be applied to fully encapsulate the HYDROBAND 2000. When sealing movement joints, then extra slack should be allowed for, across the width of the movement joint. This will ensure excessive movement does not compromise the integrity of the seal. Where the HYDROBAND 2000 is to be used to withstand negative hydrostatic pressure, the membrane should not be left unsupported, but a load should be applied, such as a 75mm thick screed.

**Curing:** Once the PREMCRETE cementitious coating has been applied curing should immediately take place by applying CUREAID AC.

### PACKAGING & COVERAGE

**Pack Sizes:** 120mm by 10m roll  
120mm by 50m roll

### STORAGE & SHELF LIFE

HYDROBAND 2000 should be stored in dry conditions at temperatures above 5°C.

### HEALTH & SAFETY

See separate material safety datasheet.



Premcrete Ltd | Reg no. 08079452 VAT no. 194306207

Structural Waterproofing | Gas Protection  
| Concrete Repair Technical Grouts | Joint  
Sealants | Protective Coatings | Admixtures

www.premcrete.com | 02380 276166 |  
sales@premcrete.com | 44 Macadam Way,  
West Portway, Andover, Hampshire, SP10  
3XW

The information provided in this data sheet is intended for general guidance only and is given in good faith based on Premcrete Ltd current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this datasheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the product data sheet for the product concerned. All materials are supplied in accordance with Premcrete Ltd Sales Terms & Conditions (available upon request and on Company Website).