

# HYPERSEAL XSeal

*Hydrophilic Mastic  
Technical Data Sheet*

KGM XSeal



## **Description**

Hyperseal XSeal is a one component, solvent free, hydrophilic mastic, which is used for sealing smooth and rough construction joints and pipe penetrations. It has an expansion rate of about 310% of its original volume when in contact with water.

## **Uses**

Hyperseal XSeal is suitable for sealing of joints of in-situ cast concrete. It's also used to seal joints between precast segments, manholes, box culverts, cable ducts, penetrations and cold joints below the water table.



## **Typical Areas of Application**

- Construction joints
- In-situ cast concrete
- Manholes, box culverts, cable ducts, penetrations and cold joints below the water table
- Adheres to PVC, HPDE, steel, fibreglass and concrete

## **Advantages**

- Excellent filling and adhesion properties
- Easy to use
- Can be applied to rough and smooth surfaces
- Solvent-free so safe to use

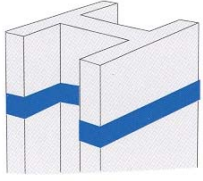
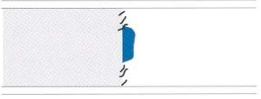
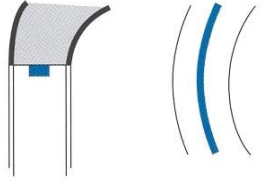
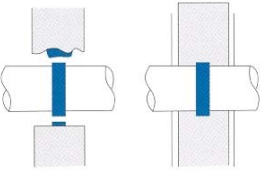
## **Physical Properties**

Form:	Mastic
Viscosity:	Gel/Paste
Colour:	White
Expansion volume:	310%
Density:	≥ 1.4kg/m <sup>3</sup> @ 20°C
Solids:	95-97%
Surface Dry Time:	2.5 hours
Cured:	7 days @ 20°C/10mm thick
Packaging:	600cc sausage (20 sausages per carton)

## Application Instructions

1. Prep - carefully brush off all loose dirt and debris and ensure surface is relatively smooth.
2. Put the sausage into the empty tube of a caulking gun and cut 10mm off the top of the sausage.
3. Install the nozzle and close the tube. Cut the nozzle at 45°.
4. Ideally Hyperseal XSeal should be applied to a dust free, dry surface but can be applied to a damp surface. Avoid running water and puddles.
5. Apply Hyperseal XSeal in an uninterrupted band (min 10mm x 10mm) in the middle of the joint and with a minimum coverage of 70mm.
6. Hyperseal XSeal will become firm in 24-36 hours depending on conditions.

## Typical Positioning

<p><b>H type steel surround.</b></p> <p>No gaps are formed with simple caulking installations.</p>	
<p><b>Concrete Joints.</b></p> <p>Installation possible for smooth or rough surfaces.</p>	
<p><b>Tunnel Construction.</b></p> <p>Easy to install for all finishes and profiles.</p>	
<p><b>Pipe Penetrations.</b></p> <p>Can adapt easily to various pipe configurations.</p>	

## Safety

Before using or handling materials, please read all relevant Material Safety Data Sheets (MSDS). Please observe care, follow industrial hygiene practices and wear protective clothing, goggles and gloves.

## Storage

Hyperseal XSeal can be stored unopened for 18 months in a cool, dry and ventilated place at temperatures between 5°C and 30°C. Once open, use immediately.

## Limitations

- Cut open used sausages and allow the remainder of the product to cure before disposing of in a permitted waste management facility.

## Warranty

The seller warrants that at the time of shipment its products are free from manufacturing defects and, when applied in accordance with the current specification and application instructions, will perform as so stated in its product literature. Project specific warranties are available on request. Please consult your nearest distributor for further information.

## Product Disclaimer

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations are only for the uses they are intended. Hyperseal Waterstops does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product. We also reserve the right to update information without prior notice to reflect ongoing research and development programs. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with any relevant items. This product is manufactured and/or imported by Neoferma Australia Pty Ltd.

## Technical Support

For any additional information not expressed in this document, please contact us via the details below.