

## TECHNICAL DATA SHEET

**PRODUCT CODE: W17      ISSUE DATE: AUG 2017 V1**

### **NEOFERMA XSEAL 600**

#### **GENERAL Description:**

Neoferma XSeal 600 is a swellable, one component, solvent free, hydrophilic, caulking gun applied mastic for sealing smooth and rough construction joints and pipe penetrations that can be applied in both dry or wet concrete applications.

Swellseal 600 has an expansion rate of about 310% of its original volume when in contact with water.

#### **APPLICATIONS:**

Neoferma XSeal 600 is designed for;

- Sealing of joints of in-situ cast concrete in dry or applications.
- Sealing joints between precast segments, manholes, box culverts, cable ducts, penetrations and cold joints below the water table.
- The excellent filling and adhesion properties provide a first line filling of cracks and voids.
- XSeal 600 will adhere to PVC, HPDE, steel, fibreglass and concrete.
- XSeal 600 is a flexible system which adapts to any irregular surfaces.

#### **INSTALLATION:**

- Put the sausage into the empty tube of a caulking gun and cut 10mm off the tip of the sausage.
- Install the nozzle and close the tube. Cut the nozzle at a 45°
- Ideally XSeal 600 should be applied to a dust free dry surface but it can be applied to a damp surface but avoid running water and puddles.
- Apply XSeal 600 in an uninterrupted band (minimum 10<sup>mm</sup> x 10<sup>mm</sup>) to the middle of a joint allowing a minimum coverage of 70<sup>mm</sup> (Seek advice from Neoferma if less coverage is available.)
- XSeal 600 will become firm in 24 to 36 hours depending on conditions.

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## Technical Properties:

Property	Value
Solids	95% to 97%
<b>Uncured</b>	
Viscosity	Gel/Paste
Density (at 20° C)	Approx. 1.4kg/m <sup>3</sup>
Surface dry time	2.5 hours
<b>Cured (7 days @ 25°C, 10<sup>mm</sup> thick)</b>	
Swelling capacity in contact with water	Swells to approx. 310% of its original dry volume

## Disposal:

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

## Packaging:

Available in 600cc aluminium foil packed sausages, 20 x 600cc sausages to a carton.

## Storage and shelf life:

Maximum 18 months in sealed containers stored in a cool dry and ventilated space.

Temperature not to exceed 30 deg C.

Once open use immediately.

## Statement of Responsibility

The technical information contained in this document is based on current practical knowledge. As this information is of a general nature, no assumptions can be made that it will be suitable for any application. It is the contractor's responsibility to ensure that the procedures are carried out according to the Neoferma Specification Manual.

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