



## hPU Low Modulus Hybrid Polyurethane

Product: Isocyanate Free Sealant & Adhesive

### Description:

Hexfix hPU is a Low Modulus, Hybrid Polyurethane, flexible joint sealant and adhesive that is free of Solvents, Isocyanates and other hazardous raw materials. Hexfix hPU omits a low odour and is non-corrosive.

### Applications:

For use in: Perimeter seals around doors, windows and facades, sealing and bonding metal roofing, construction joint sealant applications and general purpose interior joint sealant applications.

### Technical Data:

Product	HEXFIX hPU
Colours	Black, White and Grey
Tack Free Time	60 minutes
Skin Time	Approximately 35 minutes
Cure Time	2.5mm per 24 hours
Slump	Non Sagging
Shore A Hardness	30
Tensile Strength	1.3 N/mm <sup>2</sup>
Specific Gravity	1.6 grams/ml
Elongation	500%
Movement Capability	+/- 25%
Storage & Shelf Life	12 months from date of manufacture, stored in a cool dry environment

### Joint Design:

HEXFIX hPU has been designed not to slump in joints up to 40mm in width. To allow the sealant to move effectively, the correct joint design requires that the sealant depth must be half of the width joint. A suitable closed/open cell backing rod must be used to ensure that the correct joint depth and sealant cure is achieved.

### Surface Preparation:

All surfaces must be clean, dry, sound and free from dust, oil, rust or any other contamination. Wipe the joint surfaces using a non-oily solvent such as white spirits or similar on a clean lint-free cloth to remove any oils and contaminants. Wipe with a second dry cloth to remove any traces of solvent and contamination. For porous surfaces such as concrete, wire brush or abrade the surfaces to remove loose debris, old paint and other contaminants. Remove dust with oil-free compressed air or a high pressure water blast. Allow to dry before sealing. Primer may be required for optimum adhesion to some substrates based on testing conducted by the end user.

### Clean Up:

Remove excess sealant immediately with a solvent based cleaner. Ensure surface is solvent resistant before cleaning. Cured sealant can only be removed mechanically.

### Limitations:

This product is not suitable for the following purposes:

Insulating glass sealing and glazing

Curtain wall/structural glazing

Continuous water immersion

Closed or confined areas where sealant cure may be inhibited by absence of air

Materials that bleed plasticizers, solvents or release by-products that may inhibit its cure, affect adhesion or discolor the sealant

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### Safety:

Before application of HEXFIX hPU the Safety Data Sheets should be read thoroughly. These contain information regarding safe handling, health, storage and disposal of chemical products and other safety data. It is also highly recommended that the safety recommendations on the label are referred to before using HEXFIX hPU.

#### WARRANTY INFORMATION:

Lincoln Sentry warrants the products to be free of defects in material performance but make no warranty as to appearance. Since methods of application and on-site conditions are beyond our control and can affect performance, we make no other warranty, expressed or implied, including warranties of merchantability and fitness for a particular purpose.