



## SJS-441 Translucent Small Joint Sealant

Product: Neutral Cure, Free Flowing Silicone Sealant

**Description:** HEXFIX SJS-441 is a single component, ready to use, low corrosive, translucent neutral cure Small Joint Sealant that offers excellent adhesion and sealing capabilities.

### Applications:

HEXFIX SJS-441 has a free-flowing, self-levelling consistency that can be applied by caulking, dipping or brushing. For use in general glass, ceramics, aluminium, most metals, sealed timber, painted surfaces and many plastic surfaces. With its oxime neutral curing system, this adhesive/sealant has no offensive odour during curing and will not corrode metal.

### Technical Data:

Product	HEXFIX SJS-441
Colour	Translucent
Specific Gravity	1.05
Skin Time	30 minutes (24°C & 50% relative humidity)
Cure Time	2mm ~ 24 hours
Shore A Hardness	20
Tensile Strength	16 kg/cm <sup>2</sup>
Peel Strength	2.2 kg/cm
Elongation	300%
Storage & Shelf Life	12 months from date of manufacture, stored in a cool dry environment

### Bond Strength:

In addition to the effects of temperature and relative humidity, development of maximum bond strength will depend on joint configuration, degree of confinement, sealant thickness and substrate porosity. Sufficient bond strength will develop in 12 to 24 hours to permit handling of parts. Minimum stress should be applied to the bonded joint until full adhesive strength is developed.

### 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 mineral turpentine 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. 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:

Uncured sealant can best be cleaned from tools using commercial solvents such as xylene, toluene or methyl ethyl ketone. Please refer to solvent safety instructions if using these cleaners. Cured sealants can only be removed mechanically.

### Limitations:

This product is not suitable or for use for the following purposes:  
Full water immersion, aquariums, food or drinking water applications, prior to top coating with paint, structural glazing or where a structural sealant is required.  
Not to be used in joints or Cracks more than 3mm in width.  
Closed or confined areas where sealant cure may be inhibited by absence of air/moisture.  
Materials that bleed plasticizers, solvents or release by-products that may inhibit its cure, affect adhesion or discolor the sealant. It is recommended that for new applications a preliminary adhesion test be carried out.  
This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### Safety:

Before application of SJS-441 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 SJS-441.

#### 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,