

## ADSEAL FC 4570SL SERIES

### FAST CURE NEUTRAL CURE SELF LEVELLING SILICONE SEALANT

#### DESCRIPTION

ADSEAL FC 4570SL SERIES is a one-component fast cure self levelling sealant that vulcanizes as durable, elastic rubber silicone in contact with ambient humidity. Due to its fast cure system, ADSEAL FC 4570SL SERIES is use in high speed production line as seam sealer joint. ADSEAL FC 4570SL SERIES adheres to glass, most types of wood, clean metals, silicone resins, ceramics, vulcanized silicone, synthetic and natural fibers and many painted surfaces (Validate with your representative) or certain plastics. It is solvent free so it does not shrink. It can be use in contact with expanded polystyrene foam.

ADSEAL FC 4570SL SERIES CAN NOT BE PAINTED.

Translucent (ADSEAL FC 4571SL) has uv tracer to detect the product under black light.

#### LIMITATIONS

- Not designed for permanent immersion joints
- Where the sealant is encapsulated and does not have access to ambient humidity
- In contact with strongly acidic or alkaline products
- Not designed for sealing horizontal traffic joints
- Not designed for vertical seals

#### PHYSICAL PROPERTIES

Uncured	
Appearance	Pasty liquid
Color	Translucent (4571SL), black (4573SL) and white (4572SL) Special colors upon request
Density	1.012 (translucent) 1.3 to 1.4 (colored)
Tack free time	2 - 7 minutes
Viscosity	200000 - 500000 cps
Shelf life	12 months

Cured	
Shore A hardness	10 - 14
Elongation at break	583%
Tensile strength	54 psi
Lap shear (on aluminum)	26 psi

#### APPLICATION

- Seam sealer joint for windows
- Every other applications that require fast cure silicone
- Recreational vehicle
- Cargo trailer
- Manufacture homes details
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#### SURFACE PREPARATION

**ADSEAL FC 4570SL SERIES****FAST CURE NEUTRAL CURE SELF LEVELLING SILICONE SEALANT**

Surface must be free of dust, oil, grease, frost or any other contaminant. Use ADSEAL CLEANER 6003 to clean all surfaces. Let it evaporate 20 minutes before sealant application. In some application, ensure that the backer rod ADSEAL BACKER ROD is friction fitted properly and ADSEAL PRIMER MK60095 have been applied if necessary. When using ADSEAL PRIMER MK60095 let evaporate for 20 minutes prior to ADSEAL FC 4570SL SERIES application.

**METHOD OF USE**

ADSEAL FC 4570SL SERIES is easy to apply with conventional manual, pneumatic or electric caulking equipment. Shape the sealant bead with the ADSEAL TOOLING KIT before skin formation. In order to facilitate the work, the shaping can be done with a solution of 5% clear dish soap and 95% water. Dip the ADSEAL TOOLING KIT into the solution. Avoid applying solution directly to the sealant. The use of this solution may reduce sealant adhesion if used in an abusive manner. Uncured sealant can be clean with a solvent such as mineral spirit.

**JOINT DESIGN**

Narrow joints (less than 3/32") should be sealed using a triangular or round bead which laps both adherends by 1/8" minimum. Avoid applying sealant to one adherend edge before assembly as squeeze out will not provide sufficient sealant in the joint. In all joints sealant depth (thickness) would be at least 3/32" to 1/8". Joint width should not exceed 3/16" and sealant width should be sufficient to provide 1/8" minimum contact with each adherend. Use care in applying sealant on vertical surfaces as an excessive amount will cause flow from the joint and run down the surface

**PACKAGING**

- 304ml cartridge
- 600ml sausage
- Pail
- Drum

**STORAGE**

Store the sealant in closed original packaging. Store in dry premises at a temperature lower than 25°C (77°F). Expiration date is indicated on each container. Storage beyond the date specified on the container does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality insurance reasons. Contact our technical service.

**CAUTION**

Always consult sds before using the adhesive. For industrial use only. For more information, please contact your technical representative.

**ADSEAL FC 4570SL SERIES****FAST CURE NEUTRAL CURE SELF LEVELLING SILICONE SEALANT****IMPORTANT****READ CAREFULLY**

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