

## ADSEAL FC 4570 SERIES

### FAST CURE NEUTRAL CURE SILICONE ADHESIVE SEALANT

#### DESCRIPTION

ADSEAL FC 4570 SERIES is a one-component fast cure sealant/adhesive that vulcanizes as durable, elastic rubber silicone in contact with ambient humidity. Due to its rheological and non-sagging characteristics, it can be applied above the head, over the joints and on surfaces of vertical and horizontal walls.

Due to its fast cure system, ADSEAL FC 4570 SERIES is use in high speed production line.

ADSEAL FC 4570 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.

ADSEAL FC 4570 SERIES CAN NOT BE PAINTED.

Due to its vulcanization system in contact with moisture, the depth of the bead should not exceed 1/2 " (13 mm), otherwise the sealant cannot vulcanize completely. Minimum movement joint should be 1/4" x 1/4".

#### SPECIFICATION

- Meets ASTM C920, type S, grade NS, class 35, use NT, M, G, A, O.
- Meets CAN/CGSB-19.18-M87

#### 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
- Joint less than 1/4 "(6 mm) wide and deep

#### PHYSICAL PROPERTIES

Uncured	
Appearance	Pasty
Color	Translucent (4571), black (4573) and white (4572) Special colors upon request
Density	1.012 (translucent) 1.3 to 1.4 (colored)
Tack free time	2 – 7 minutes
Extrusion rate (50 psi / nozzle diameter 5mm)	75 to 250 g/min
Shelf life	12 months

Cured	
Shore A hardness	38 (translucent) 48 – 55 (colored)
Elongation at break	568% (translucent) 700% - 800% (colored)
Tensile strength	156 psi (translucent) 300 - 350 psi (colored)
Lap shear (on aluminum)	111 psi (translucent) 100 - 130 psi (colored)

**ADSEAL FC 4570 SERIES**  
**FAST CURE NEUTRAL CURE SILICONE ADHESIVE SEALANT****APPLICATION**

- Primary bedding compound for glass in wood, vinyl and aluminum window sash
- Back bedding for doors and windows
- Every other applications that require fast cure silicone

**SURFACE PREPARATION**

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. 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 4570 SERIES application.

**METHOD OF USE**

ADSEAL FC 4570 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.

**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 4570 SERIES****FAST CURE NEUTRAL CURE SILICONE ADHESIVE SEALANT****IMPORTANT****READ CAREFULLY**

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