

X-Seal Silicone GP

General purpose acetoxy cure silicone sealant

Product Description

X-Seal Silicone GP is an one part acetoxy cure adhesive sealant that is suitable for general construction sealing and adhesive applications. This product will adhere to clean metal, glass, many types of wood, silicone resins, vulcanized silicone rubber, ceramics and plastic surfaces. A primer may be required for optimum adhesion to some substrates.

Advantages

- Easy to use
- No mixing required
- Unaffected by sunlight, rain, ozone and temperature extremes.
- Wide temperature gunnability.
- Anti-fungus

Uses

- Seals glass windows
- Seals aluminium fabrication
- Sealing heating, ventilating or air conditioning duct work.
- Seal cracks or gaps around windows, vents, ducts, fixtures and lights.
- Seal leaks in gutters, down spouts, ducts and piping.
- Seal cracks in interior walls and ceilings, door joints and fixtures.
- Seal electrical connections and boxes to waterproof.

Laboratory Test Data

Property	Typical Results
Elongation(DIN 53504)	>400%
Shore A hardness (DIN 53505)	19
Tensile strength (DIN 53504)	2MPa
Dynamic movement capability	± 25%

Application Properties

Tack-free time	5 to 10 min.
Extrusion rate	275 g/min.
Cure time at 24C (10mm thick)	24 hours

Colour

Grey, white and black.

Packaging

280ml cartridges.
Other sizes available upon request.

Shelf life

12 months when stored unopened at below 27C under shade in a dry environment.

Installation Guidelines

NCC X-Calibur provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Joint Preparation

Make sure the joint design is correct. Proper joint design minimizes stresses on the sealant.

Clean the joint surfaces on both new and old jobs. Surfaces must be clean, dry and sound. Since new material is often covered with a protective film, solvent wipe all surface materials with a wet brush and X-Seal Cleaner.

Use masking tape where bead lines of exact shapes are required. Masking tape should be removed immediately after a bead is completed before a skin begins to form.

Application

Apply sealant to dry, clean surfaces. An air-operated or hand-operated cartridge gun may be used. Do not break cartridge seal until just before use. Surfaces in this instance should be dried before the sealant is applied.

Tool joint, if necessary, remove masking tape. Tooling should be completed in one continuous stroke. Tool immediately after sealant is applied and before a skin begins to form. Do not use soap or oil as a tool aid. Remove masking tape immediately after tooling is completed.

Cleaning

Clean equipment using X-Seal Cleaner.

Limitations

Not to be used in aquariums
Do not use for structural glazing
Not recommended for use in below ground joints or where abrasion and physical abuse are encountered.
Do not apply to surfaces that require painting.
Do not apply to alkaline substrates such as concrete, marble, limestone and brick.

Health and Safety

This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website www.ncc.com.eg

Authorized Technical Specialist

Please note that only NCC X-Calibur Authorized Technical Support Specialists ('ATSS') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.ncc.com.eg for a full list of NCC X-Calibur ATSS.

Datasheet Validity

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.ncc.com.eg to ensure you have the latest version.

Warranties

NCC X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. NCC X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to NCC X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Systems Inc. **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** NCC X-Calibur Construction Systems Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.



Quality Statement

All Products manufactured by NCC X-CALIBUR or imported from X-CALIBUR companies world-wide are manufactured to procedures certified to conform the quality, environment, systems described in the ISO 14001:2004 , ISO 9001:2000.



Hotline: 16960 E-mail: info@ncc.com.eg Website: www.ncc.com.eg

www.x-calibur.us