



TECH DATA SHEETS

Xproseal 701 RTV Silicone Sealant

PRODUCT NAME ; Xproseal 701 RTV Silicone Sealant Description

Xproseal 701 is a one component, permanently flexible, RTV (Room Temperature Vulcanizing)

mildew-resistant silicone sealant that is the industry standard. This acetoxy silicone product's tough chemical resistance makes it a worry-free solution for a wide range of applications.

Applications

1. Sealing for around shower booth, bathtub, wash basins and kitchen work top ,Glass & Window,General Construction
2. Tile and sink joints
3. Hot and humid areas such as sanitary equipment
4. Areas that require fungus prevention in hospital and food, semiconductor factories, etc.

Available Colors

Standard Colors : Clear, Transparent, Translucent, White

Custom colors are also available. Please discuss with our sales rep of Xpeed GK if needed.

Packaging

300ml/Cartridge

Typical properties

Property	Unit	Results	
Colors		Clear, Transparent, Translucent, White	
Before cure			
Slump	mm	Non-Slump	
Viscosity	cps	1.2M±0.2M	
Tack free time	min	<15	
After cure			
Specific gravity	g/cm3	1.00±0.02	
Hardness	Shore A	15~20	
Tensile strength	MPa	-	
Elongation at break	%	200-300	
Movement capacity	%	±12.5	

USABLE LIFE AND STORAGE

Product should be stored at or below 32°C (90°F) in original, unopened containers. The most up-to-date shelflife information can be found on the Xproseal, Xpeedpro website in the Product Detail page under Sales Specification.

As Xproseal product cures by reaction with moisture in air, keep the container tightly sealed when not in use. A plug of used material may form in the tip of a tube or cartridge during storage. This is easily removed and does not affect the remaining contents.

LIMITATIONS

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

This Sealant is not recommended:

- Do not use for structural glazing.
- Not recommended for continuous water immersion applications.
- Not recommended for use with marble and similar highly porous stone finishes where sealant may affect their appearance.
- Sealant may discolor copper and brass.
- Not recommended for expansion joints where high movement is expected.
- Not recommended for use in joints where abrasion and physical abuse are encountered.
- Not recommended for use in the construction or sealing of aquariums.
- Cannot be painted, as paint will not adhere to sealant.
- Not recommended for use on polycarbonate plastic sheeting, suitability for use on other types of plastic should be tested prior to application.
- Not for use on freshly painted surfaces (enamel or solvent containing types).
- Should not be applied to materials that bleed plasticizers or solvents or release by-products that may inhibit cure, affect adhesion or discolor the sealant (e.g. bituminous-based adhesives and coatings).
- Do not clean or treat the sealant with materials, solvents or cleaning agents that may affect or discolor the sealant, particularly during

sealant cure.

- Do not apply at temperatures below 4°C or when substrate surface temperatures exceed 50°C.
- Should not be used as an interior penetration fire stop sealing system.
- Should not be applied to surfaces in direct contact with food or drinking water. This sealant has not been tested to determine status under U.S. Food and Drug Administration regulations.
- Not recommended for direct contact on the reflective coatings on mirrors.
- Polyester powder coat paint exhibits a highly variable wax content on the surface. Ensure thorough solvent cleaning.
- Sealant cures by contact with moisture vapor in the air. Not recommended for use in closed or confined areas where sealant cure may be inhibited by lack of air.
- Do not use in the manufacture of insulated glass (IG) units.

USABLE LIFE AND STORAGE

Product should be stored at or below 32°C (90°F) in original, unopened containers. The most up-to-date shelf life information can be found on the Topseal website in the Product Detail page under Sales Specification.

As Xproseal Sealant cures by reaction with moisture in air, keep the container tightly sealed when not in use. A plug of used material may form in the tip of a tube or cartridge during storage. This is easily removed and does not affect the remaining contents