TECHNICAL DATASHEET: APP 969

PRODUCT FEATURES

- Single-component, neutral curing
- Excellent extrusion & thixotropy, easy to use.
- Eco-friendly, non-corrosive
- High adhesion to most construction materials, no primer needed.
- High weatherability and high & low temperature resistance.
- High structural strength, providing security for large curtain walls

MAIN APPLICATIONS

- For the structural bonding and sealing of various curtain walls made of glass, aluminium, marble and granite.
- For the structural bonding and sealing of glass skylight roofs and metal structural projects.

TECHNICAL DATA

Item N°		**969**
Colour		White, Black, Grey or as requested
Sagging	Horizontal	No deformation
	Vertical	≤3
Extrusion		≤10
Tack Free Time		≤3 hours
Full Curing Time		≥21days
Hardness		Shore A 20~60
Max Elongation at Max Tensile Strength (23°C)		≥100%
Tensile Adhesion	Standard condition	≥0.6MPa
	90°C	≥0.45MPa
	-30°C	≥0.45MPa
	After Soaking	≥0.45MPa
	Damaged Area	≤5%
Thermal Ageing	Weight Loss	≤10%
	Cracking	None
	Pulverisation	None

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APPLICATION LIMITS

- Do not use on any materials that exude oil, plasticiser or solvent, such as oiled wood.
- Do not use in an enclosed environment without moisture, as curing requires moisture.
- Do not use on frosty or humid surfaces.
- Do not use when the surface temperature of the materials being sealed is below 10°C or above 40°C.

PACKING

300ml/cartridge or 590ml/sausage

STORAGE

Store in a dry, shady, cool place below 27°C. Shelf life is 9 months from the date of manufacture.

SAFETY TIPS

- It is non-toxic after curing, but keep it away from eyes before curing.
- Rinse eyes with plenty of water if contact occurs.
- Keep the area ventilated during application.

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INTERFACE DESIGN AND APPLICATION METHOD

Please refer to the “Silicone Sealant Application Process Guide”.

CAUTIONS

This product is not toxic once fully cured, but contact with eyes should be avoided before curing. In case of contact with eyes, please rinse with plenty of water and seek medical attention. Prevent children from being exposed to uncured products. This product will release low-molecular-weight substances during the curing process, so attention should be paid to ventilation in the application and curing area.

REPAIR AND MAINTENANCE

Generally, repairs are not necessary. However, if the sealant joints are broken, please replace the damaged part. Just remove the accumulated dirt with solvent and then fill with sealant. APP silicone sealant adheres well to the cured silicone sealant.

NOTE

The information contained herein is believed to be reliable. Due to the wide range of actual conditions, it is impossible for us to anticipate every situation, so we cannot guarantee the correctness and suitability of our product for particular uses and purposes. Users should have a detailed understanding of the product before using it, and then decide for themselves the best way to use it.

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