

DATA SHEET

RENOLIT ALKORFIX MULTIPURPOSE FIXER – Type 81027

Application:

The RENOLIT ALKORFIX 81027 fixer is a classic example of the latest generation of modified Silane (MS) based adhesive sealants. **It contains no isocyanates, silicones or solvents.** It has excellent adhesion to most materials present in swimming pools: PVC-P sheets, concrete, brick, metals, wood, exposed masonry, natural and artificial stone, ceramics and with a wide variety of thermoplastics and thermosets. It dries quickly, with no unpleasant odours. It does not produce permanent stains on stone and marble. It can be applied to wet surfaces.

It is suitable for both indoor and outdoor use; it is resistant to ageing and to UV rays. It has a high thermal range of use.

Technical data:

➤ Base:	Polyoxyolefin Elastomers/Modified Silane.
➤ Colour:	Variable
➤ Viscosity (in its container):	Thixotropic. The viscosity decreases with the rpm.
➤ Specific gravity:	1.55 +/- 0.01 g/ml
➤ Solids (2 hours at 120 °C):	98 +/- 1%
➤ Application temperature:	+5 to +50 °C
➤ Skin formation.	10 - 20 minutes
➤ Load at rupture (cured product)	> 11 kg/cm ²
➤ Elongation at rupture (cure)	> 250% (DIN 53504)
➤ Shore-A hardness	30 ± 5 (DIN 53505)
➤ Thermal resistance	-30 to +80 °C

Description:

RENOLIT ALKORFIX fixer has been specially developed to effect and seal a waterproof bond between the coping stone and the PVC sheet. It also allows the fixing of the co laminated profile before completing the mechanical anchoring. Small temporary repairs may be carried out under water since it sets under water or in damp conditions. It does not bond well with polyethylene, Teflon or rigid polypropylene. Preliminary adhesion tests should be carried out to ensure suitability.

It cannot be used as a substitute for Liquid PVC or Welding Sealant.

<Adhesion strength to RENOLIT Geotextile felt is good, although inferior to that of a contact adhesive.

Although it has good resistance to chemical agents under water, very high concentrations of chlorine could be harmful to the product. The setting time depends on the thickness of the product applied and the environmental conditions. In ambient conditions it is approximately 3 mm/24 h.

Use:

Sealing underneath stone: Using a silicone application gun, form a continuous bead and prevent the formation of air pockets. Then, smooth with a spatula moistened in soapy water. It is important not to damage the sheet/liner or the protective lacquer. The spatula used for application **must not be metallic**.

Gluing the co laminated profile: Apply on the two surfaces to be joined (co laminated profile and wall) forming a continuous bead. **It cannot be used as a substitute for a mechanical fixing when anchoring profile.**

Presentation:

300 ml cartridge. The application gun (silicone type) is not included.
Cardboard box of 12 cartridges.
Available colours: Dark Grey, Sand, White, Travertine, Light Grey.

Duration:

18 months. Once opened, use it in its entirety. It should be stored in normal environmental conditions of humidity and temperature (10 to 25 °C).

Consumption:

15 linear metres per cartridge, when sealing underneath the coping stone.

Precautions:

Keep out of reach of children. Avoid contact with eyes and skin.

For further information:

See safety data sheet