



MOULD-RESISTANT, ACETIC, SILICONE SEALANT AVAILABLE IN DIFFERENT COLORS AND TRANSPARENT



PRODUCT DESCRIPTION

AC 100 is an acetic cross linking silicone sealant with special inhibitors to make it resistant to the formation of mould. The sealant is in the form of soft paste with a thixotropic consistency that is easy to apply on both horizontal and vertical surfaces. It hardens at room temperature thanks to the moisture present in the surrounding air and forms a flexible seal that allows joints to expand and contract by up to 25% of their original size. AC 100 offers resistance to all types of weather conditions, industrial surroundings, thermal shocks, immersion in water and exposure to damp environments. It adheres strongly to glass, ceramic, painted surfaces and certain types of plastic without the use of a primer.

FIELD OF APPLICATION

- Sealing joints in wall and floor coverings of ceramic.
- Sealing joints between sinks or sanitary ware and ceramic tiles in kitchens, bathrooms and showers.
- Sealing expansion joints in swimming pools.
- Assembling compositions of glass tiles and artistic stained glass windows.
- Sealing glazing, door, and window frame portholes, windows, and glass.
- Sealing air ducts, and water pipes.

- Sealing tanks, service pipes, and boilers.
- Sealing of joints subject to high chemical and thermal stress.
- Sealing materials of different thermal exposure coefficients.

SUITABLE SUBSTRATES

- Iron surface
- Aluminum surface
- Rust free metallic surface
- Ceramic
- Bricks
- Glass

LIMITATIONS

- Do not use for joints in exterior between ceramic tiles and light-colored natural stone.
- For sealing surfaces sensitive to acids such as limestone.
- It is not recommended on highly plasticized material or on bituminous surfaces.
- Do not use to seal aquariums.
- Do not use for sealing floor joints subject to heavy traffic.

APPLICATION PROCEDURE

a) Preparation of the support

Surfaces to be sealed must be dry, de-greased, solid and free of dust, loose parts, oil, grease, wax, old paintwork and rust on metal surfaces. We recommend applying masking tape along the edges of the joint

in order to avoid the sealant seeping out of the joint and to get a more attractive finish.

b) Preparing the product

Ready to be used.

c) Applying the product

Insert the cartridge in an extrusion gun, cut off the tip of the cartridge, screw on the extrusion nozzle, trim the nozzle at an angle of 45° and according to the extruded width required and squeeze out the product in a continuous flow into the joint while trying to avoid air entering the joint. Immediately after applying the sealant, smooth over the surface before it hardens with a spatula wetted with soap and water. Remove the masking tape immediately after smoothing over the sealant

COVERAGE / CONSUMPTION

The consumption of AC 100 depends on the application. Typical consumption is between 100 and 120 ml/mL.

PACKAGING

AC 100 is supplied in:
– 280ml cartridge

SHELF LIFE

Original sealed packaging of this product is guaranteed to be of first quality for 18 months if stored in a dry area and temperatures between +5°C and +35°C.

SAFETY INSTRUCTION

AC 100 is not considered hazardous according to current standards and regulations regarding the classification of mixtures. While handling the product, we recommend the use of protective gloves and goggles and to keep the work area well ventilated. For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet. PRO-DUCT FOR PROFESSIONAL USE.

TECHNICAL DATA

Product identity	
Consistency:	thixotropic paste
Color:	Transparent and White
Density (kg/m ³):	900
Viscosity (mPa.s):	300,000
Dry solids content (%):	80
Application data (at +23°C and 50% R.H.)	
Dilution:	Ready to used
Skin formation time:	20 minutes
Polymerization time:	5mm / 24 hours
Service temperature range:	-40°C to +100°C
Application temperature:	+5°C to +35°C
Consumption	100-120 ml/mL
Elongation:	250%
Tensile strength:	0.9 N/mm ²
Tear strength:	5.5 kN / m
Hardness Shore A:	22
Module of elasticity at 100% elongation:	0.5
Water resistance:	excellent
Atmospheric agent resistance:	excellent

WARNING

Danger. Contains Portland Cement: Chromium VI < 2 ppm within the validity period of the product. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. P261 Avoid breathing dust. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF IN CONTACT WITH YOUR SKIN: Wash with plenty of water/... P305 + P351 + P338 IF IN CONTACT WITH YOUR EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor/...



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