



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



PRODUCT DESCRIPTION

AC 400 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 400 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 substrate

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

AC 400 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. PRODUCT 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



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