

# CERMISIL AKR

## GENERAL PURPOSE, ACRYLIC, SEALANT



Gray



White



- *Paintable*
- *Provides long-term flexibility*
- *Water, wind and moisture resistant*

- *Easy to apply and clean*
- *Waterproof after drying*
- *Odorless*

## PRODUCT INFORMATION

### WHERE TO USE

- At the junction points of different building elements
- Aluminum, PVC, wood, etc. in the assembly of joinery filling and sealing
- Ideal for filling cracks before painting.

### GENERAL FEATURES

**Chemical nature** : Acrylic Dispersion

**Consistency** : Cake

**pH** : 7-9

**Density** :  $1,62 \pm 0,03 \text{ gr/cm}^3$

### TECHNICAL CHARACTERISTICS

**Elongation at Break** :  $\geq 100 \%$  (ASTM D412)

**Temperature resistance** :  $-10^\circ\text{C} / +80^\circ\text{C}$

**Shelling time** :  $50 \pm 20 \text{ min}$  ( $23^\circ\text{C}$  and 50% R.H)

**Curing speed** : 2 mm/day ( $23^\circ\text{C}$  and 50% R.H)

**Shore A hardness** : 40 – 70

### CONSUMPTION

- 12 linear meter / 310 ml cartridge (3 mm joint width, 8 mm joint for depth)

### PACKAGING

- 310 ml cartridge or 600 ml sausage

### APPLICATION PROCEDURE

- Moisture-free, dry and protected against external weather conditions should be stocked in warehouses.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.



Interior – Exterior



Application Temperature



Application with Silicone Gun



Water Resistance



Flexible

## APPLICATION

### APPLICATION PROCEDURE

- Min./max. joint width should be 5 mm/25 mm.
- The recommended width/depth ratio is 2/1.
- Application temperature should be between +5 °C and +40 °C.

### SUBSTRATE PREPARATION

- The application surface must be free of residue, oil and dirt that prevents the adhesion of the silicone, and it must be clean and dry.
- Mixing 1 unit of acrylic mastic with 4-5 units of water as a primer on porous surfaces such as concrete and plaster applicable.

### APPLICATION

- Silicone material to materials other than the joint edges application line to prevent contamination should be taped for masking throughout.
- The end of the cartridge package, taking into account the joint width, it is cut diagonally (at an angle of 45°) at the appropriate tip thickness. It is applied with **CERMISIL AKR** silicone gun. Suitable amount of silicone is sprayed onto the surface along the joint line.
- Without making a crust on the silicone surface, using a silicone spatula or corrected with a silicone pen.
- After the application, the masking tapes are removed from the surface is dismantled. Dried silicone residue it can be cleaned using solvent cleaning materials.



### RECOMMENDATIONS

- The joint should be kept dry for at least two hours.
- Dried mastic can only be cleaned by mechanical method.
- In places where it may be constantly exposed to water should not be used.
- In outdoor environments where there is a risk of rain and frost application should not be made.
- It is an elastoplastic sealant, therefore it is not used in movable joints should not be used.
- Can only be painted over with sufficiently elastic paints.

### SAFETY INSTRUCTIONS

- It should not be inhaled, and eye contact should be avoided.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during application of the product.
- For more detailed information please read the Material Safety Data Sheet (MSDS)

**Note:** Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.

**CERMIX**

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