

# CERMITHANE

## POLYURETHANE BASED, EXPANSION SEALANT



Grey



White



- Resistant to aging
- Paintable
- Resistant to different weather conditions (-30 °C / +70 °C)

- Resistant to various chemicals
- Excellent adhesion to all kinds of surfaces
- High elasticity and waterproof

## PRODUCT INFORMATION

### WHERE TO USE

- In horizontal-vertical expansion joints in buildings
- Glass, aluminum, steel, plastic, ceramic, concrete etc. A lot in filling the corner joints of the building element and ideal for sealing.

### GENERAL FEATURES

**Chemical nature** : Polyurethane thixotropic putty  
**Density** : 1.25 ± 0,05 gr/cm<sup>3</sup> (ASTM D792)  
**Colour** : White, Grey

### STANDARDS AND DOCUMENTS

- CE

### TECHNICAL CHARACTERISTICS

**Elongation at Break** : ≥ 600 % (ASTM D412)  
**Shore A hardness** : 25 – 30 (ASTM D2240)



### CONSUMPTION

- 3 linear meter / 600 ml sausage (20 mm joint width, 10 mm joint for depth)

### PACKAGING

- 600 ml sausage

### STORAGE

- 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 Sausage Gun



Waterproof



Very Flexible



Dilatation



Freeze Thaw Resistance



Crack Bridging



Impact Resistance

## APPLICATION

### APPLICATION PROCEDURE

- Application Temperature:** +5 °C / +40 °C  
**Surface Drying Time:** 30-60 minutes (23 °C and 55% RH)  
**Hardening Time:** 24 hours (for min. 2 mm thickness)  
**Max. Joint Spacing:** 4 cm

### SUBSTRATE PREPARATION

- Residue, oil and dirt that will prevent adhesion on the application surface must be free from dirt, clean and dry.
- During the application, the width / depth ratio is 2/1 attention should be paid.

### APPLICATION

- By placing the product on the surface and taking support, continuously (without creating bubbles) and fill the gap completely.
- You can press and straighten it with a spatula or similar tool.

### RECOMMENDATIONS

- In joints; to provide the desired depth when necessary, grouting rod should be used.
- Adhesion of the sealant to three surfaces during application bonding failure in joint material in case of there is a risk of formation, only on two opposing surfaces, adhesion must be achieved. In such cases, the joint between the sealing material and the surface or filler rod, anti-adhesion materials should be placed.



### 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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