

# CERMITHANE MS

MS POLYMER BASED, NEUTRAL STRUCTURE,  
SOLVENT-FREE, EXPANSION and SEALING SEALANT



Grey



White



- Low modulus of elasticity
- High adhesion strength
- Bubble even on damp or wet surfaces not observed

- High UV resistance
- Can be painted over with water-based paints
- Long lasting without loss of volume
- 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** : MS Polymer  
**Density** :  $1,38 \pm 0,03$  gr/ml  
**Colour** : White, Grey

### TECHNICAL CHARACTERISTICS

**Shelling Time:** : approx. 60 min  
 (23 °C and 50% R.H.)  
**Curing Performance:** : ~2.50 mm/ 24 hours  
 (23°C and 50% R.H.)  
**Yield (ISO 7390):** : 0 mm  
**E100 Module (ISO 8339)** : < 0,4 N/mm<sup>2</sup>  
**Elongation at Break (ISO 37)** : ≥ % 350  
**Volume Loss:** : < -%3 (23 °C ve %50 R.H.)  
**Tensile Strength (ISO 37)** : 1,0 -1,5 N/mm<sup>2</sup>  
**Shore A Hardness (ISO 868)** : 25 ±5

### 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

**Surface and ambient temperature:** +5 °C / +40 °C  
**Heat Resistance:** -40 °C / +90 °C

### SUBSTRATE PREPARATION

- Residue, oil and dirt that will prevent adhesion on the application surface must be free from dirt, clean and dry.
- On non-porous surfaces such as glass and metal should not be a coating material, pre-treatment if necessary it should be cleaned with cellulosic thinner. In addition to metal floors must be treated to prevent rust.
- Requirement on sensitive surfaces and smooth edges masking tape is recommended.
- Can be used without plaster.

### APPLICATION

- Before the cartridge is used, its mouth is cut off and the cannula is inserted.
- The tip of the tip is cut according to the width of the application surface, the cartridge is attached to the gun.
- The sausage package is cut from one end and attached to the appropriate gun is placed. Then the union nut screwed into the cylinder.
- During the application, the gaps and gaps should be removed at once must be filled in.
- The surface of **CERMITHANE MS**, which is sprayed into the joints, is immediately damp with a spatula, buffing board, joint iron, or fingers should be straightened.
- If used, the adhesive tape should be removed later.
- Contaminated areas and used tools before curing industry can be cleaned with gasoline or alcohol.
- Mechanically only after curing is complete can be cleaned.



### 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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