

MAXCIS 171-S

One Component, Polyurethane Based Sealant

DEFINITION:

- It is a sealing material that cures with moisture in the air.
- It adheres perfectly to all kinds of surfaces.
- It has permanent elasticity.
- Does not flow and is thixotropic.
- Does not cause shrinkage.
- Can be painted.
- Does not retain dirt.

USAGE AREAS:

- In construction, at the joints of building elements
- In joint filling and crack repair
- Door and window installation



APPLICATION:

- The application surface must be clean and dry. There should be no rust, dust, oil and water.
- In application, care should be taken to ensure that the width/depth ratio is 2/1.
- The product is carefully applied to the surface with appropriate tools.
- Care should be taken to apply equal thickness.
- When insulating joints, care should be taken to ensure that the product adheres only to the side surfaces.

TECHNICAL FEATURES:

| Test Name | Unit | Standard | Value |
|---------------------------|-------------------|-------------|-----------------|
| Density | g/cm ³ | - | 1,20 ± 0,03 |
| Tack Free Time | minute | - | 30-60 |
| Curing Rate | mm/day | - | Min. 2,5 |
| Sagging | mm | EN ISO 7390 | 0 |
| Temperature Resistance | - | - | -40°C and +90°C |
| Hardness (Shore A) | - | - | 35-40 |
| Elastic Recovery | - | ISO 7389 | >70 |
| Elongation (Glass-Glass) | % | ISO 8339 | >120 |
| E100 Modulus (23°C) | N/mm ² | ISO 8339 | 0,35-0,40 |
| E100 Modulus (-20°C) | N/mm ² | ISO 8339 | <0,60 |
| Tensile Strength (Dumble) | N/mm ² | ASTM D412 | 1,5-2,0 |
| Elongation (Dumble) | % | ASTM D412 | >600 |

** The tests were carried out under laboratory conditions at 23°C. Values may vary under different temperature and humidity conditions.*

PACKAGING:

| Package | Color | Quantity | Pieces in Box |
|-----------|--------------------|----------|---------------|
| Cartridge | White, black, gray | 310 ml | 12 |
| Sausage | White, black, gray | 600 ml | 12-20 |

SHELF LIFE AND STORAGE:

The MAXCIS 171-S is sensitive to humidity and temperature. Therefore, they should be stored in original, unopened and undamaged packages, in dry environments away from direct sunlight.

| | Unit | Value |
|----------------------------|-------|-------|
| Shelf Life | month | 18 |
| Storage Temperature | °C | 15-25 |

WARNING:

- Before using the product, read the MSDS form carefully and follow the written instructions.
- Personal protective equipment should be used during application.
- There must be sufficient air circulation in the application area.
- Give empty packages to organizations authorized to collect hazardous waste.