

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.