

MAXCIS 172-DS

Two Component, Polyurethane Based Dilatation Filler

DEFINITION:

- It is a self-leveling, dilatation filling material used for sealing horizontal dilatations.
- It adheres perfectly to all kinds of surfaces.
- It has permanent elasticity.

USAGE AREAS:

- In the sealing of horizontal dilatations in constructions

COMPONENTS:

- A Component: Polyurethane Resin
- B Component: Hardener



FEATURES OF COMPONENTS:

	Unit	A Component	B Component
Chemical Structure	-	Polyurethane Resin	Hardener
Density (20°C)	g/cm ³	1,55 ± 0,02	1,00 ± 0,02
Color		White	Black

MIXING RATIO OF COMPONENTS:

	By Weight
A Component	2 units
B Component	1 unit

REACTION PARAMETERS:

	Unit	Value
Tack Free Time	minute	60-70
Curing Rate	mm/day	Min. 3

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

APPLICATION:

- The application surface must be clean and dry. There should be no rust, dust, oil and water.
- If necessary, epoxy or polyurethane based primer can be used.
- After Component A is mixed with a low speed mixer, component B is added at the specified rate and mixing continues until a homogeneous mixture is obtained.
- The resulting mixture is carefully poured into the dilatation to be filled.
- During application, ensure that the width/depth ratio is 2/1.
- Care should be taken to ensure that the product adheres only to the side surfaces.

- Non-stick polyethylene wick should be used to adjust the depth of the filling.

TECHNICAL FEATURES:

Test Name	Unit	Standard	Value
Hardness (Shore A)	-	-	20-30
Elongation	%	ASTM D412	>250
Tensile Strength	N/mm ²	ASTM D412	0,75-1,00

PACKAGING:

- Component A 6 kg/pail, Component B 3 kg/pail. Total 9 kg/set

SHELF LIFE AND STORAGE:

The components of MAXCIS 172-DS are 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	12
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.