

MAXCIS EM-310

Two Component, Epoxy Based, Concrete Repair and Dilatation Tape Adhesive

DEFINITION:

- It is epoxy based repair and adhesive mortar.
- Suitable for horizontal and vertical applications.
- It adheres perfectly to the surfaces it is applied to.

USAGE AREAS:

- Repairs of concrete surfaces
- Adhering of dilatation tape

COMPONENTS:

- A Component: Epoxy Resin
- B Component: Hardener



FEATURES OF COMPONENTS:

Test Name	Unit	A Component	B Component
Chemical Structure	-	Epoxy Resin	Hardener
Density of Mixture (23°C)	g/cm³		1,70 ± 0,05

MIXING RATIO OF COMPONENTS:

	By Weight
A Component	3 units
B Component	1 unit

REACTION PARAMETERS:

Test Name	Unit	Value
Full Curing Time	hour	3-4
Pot Life	minute	30-40

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

APPLICATION CONDITIONS:

- The surface must be solid and of sufficient strength.
- Recommended air and application surface temperature is between 5°C and 35°C.

SURFACE PREPARATION:

- The application surface must be clean and dry. There should be no rust, dust, oil and water.

APPLICATION:

- 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 applied to the surface with a trowel or spatula.

FINISHED PRODUCT FEATURES:

Test Name	Unit	Value
Adhesion Strength to Metal	Mpa	>3,5
Adhesion Strength to Concrete	Mpa	>3,0 (rupture of concrete)
Compressive Strength	N/mm ²	>72

CONSUMPTION:

- Consumption for 1 mm thickness is 1.70 kg/m².

PACKAGING:

- Component A 3.75 kg/pail, Component B 1.25 kg/pail. Total 5.00 kg/set

SHELF LIFE AND STORAGE:

The components of MAXCIS EM-310 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	A Component	B Component
Shelf Life	month	12	12
Storage Temperature	°C	15-25	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 barrels to organizations authorized to collect hazardous waste.