

# POLYEPOXY MY MORTAR 2K



## DESCRIPTION



POLYEPOXY MY MORTAR 2K is an epoxy resin-based, solvent-free, two-component, thixotropic mounting and adhesive mortar.

- Any pits, breaks or cracks on the application surface should be repaired with suitable repair mortars.
- Where necessary, the application surface should be roughened by mechanical abrasion methods.

## FIELDS OF USAGE



- It is used for the adhesion of MAROFLİNE TERMO-ELAST PK-DTB dilatation tape.
- It is used in the mounting and adhesion of all kinds of metal parts to concrete or steel parts,
- It is used in all kinds of structural concrete repairs.
- It is used in planting all kinds of iron ores, and placing anchor elements.
- It is used in the repair and insulation of concrete cracks, and in the insulation of the crack in crack injections.
- It is used in the adhesion of ceramic, granite and marble plates.
- It is used for bonding surfaces such as concrete, stone, metal and wood to each other or between themselves.

### NOTE:

Please note that the material should be at a temperature between +15°C and +25°C at the time of mixing.

## ADVANTAGES



- As it cures quickly, it allows loading/pressure in a short time.
- Does not contain any solvents. Suitable for indoor and outdoor use.
- Thanks to its high adhesion performance, adheres strongly to many different surfaces such as concrete, steel, metal, wood, stone, ceramic and granite.
- Thixotropic, and thus, does not drop in vertical and overhead applications such as walls and ceilings.
- A and B components are in different colours, and the formation of homogeneous mixture can be followed visually.
- Can even stick to damp surfaces.
- Waterproof
- High mechanical strength.

## APPLICATION



- In order to adhere MAROFLİNE TERMOELAST PK-DTB dilatation tapes, POLYEPOXY MY MORTAR 2K epoxy adhesive is applied on both sides of the dilatation with a thickness of 1.5 mm and a width of 40 mm in the form of strips by using a trowel or spatula.
- After the MAROFLİNE TERMOELAST PK-DTB dilatation tape is laid, the same application is done to the upper side of the tape and the adhesive is not exposed to mechanical stress until it dries completely.
- Do not stick the joints of the MAROFLİNE TERMOELAST PK-DTB dilatation tape with POLYEPOXY MY MORTAR 2K epoxy adhesive.
- Joints should be bonded with hot air welding.
- The adhesive prepared in ceramic, granite and marble bonding is applied to the surfaces with a notched trowel.
- The part to be adhered should be mounted by sliding it slightly and brought to its final position within 30 minutes.
- In general-purpose adhesion works, the adhesive should be applied to both parts, and after the parts are pressed together, they should not be moved until it fully dries.

## CONSUMPTION



- POLYEPOXY MY MORTAR 2K is used in adhesion works as approximately 1.7 kg / m<sup>2</sup> depending on the need.

## SHELF LIFE AND STORAGE



- Shelf life is at least 12 months under proper storage conditions.
- Store in a dry and cool environment (at temperatures above +5 °C), unopened in its original package. Do not leave in the sun and protect from frost.

## PREPARING THE SURFACE FOR APPLICATION



- The application surface must be solid, self-supporting, dry, clean and free of all kinds of rust, oil, dirt and dust that prevent adhesion.

## PACKAGING



- 5 kg SET

## CAUTION



- Floor and ambient temperature and humidity should be taken into account in applications made in open and closed spaces.
- Epoxy-based adhesive is two-component, and component A (3.75 kg) and Component B (1.25 kg) are mixed with a low speed (400-600 dv/min) mixer until they form a homogeneous mixture.

## TECHNICAL SPECIFICATIONS



Polyepoxy MY MORTER 2K Component A	Epoxy Resin
Polyepoxy MY MORTER 2K Component B	Epoxy Hardener
Colour	Grey
Density in Mixed Form	1.7kg/litre
Chloride Ion Content	≤ %0,05
Glass Transition Temperature	≥ 45°C
Compression Strength	1st day, 30 N/mm <sup>2</sup>
	7th day, 75 N/mm <sup>2</sup>
Flexural Strength	1st day, 17 N/mm <sup>2</sup>
	7th day, 25 N/mm <sup>2</sup>
Adhesion Strength	3 N/mm <sup>2</sup> on Concrete
	3,5 N/mm <sup>2</sup> on Steel
Application Thickness	Min:2mm, Maks:30mm
Usage Time of the Mixed Product	40 min (20°C)
Temperature Resistance	-15°C / +90 °C
Full Strength Recovery Time	7 days



## CAUTION

MAROF YAPI is not responsible for any defects or errors that may arise if the product is used on a surface or for properties other than described above.