

M 03



It is a cement-based repair mortar with high elasticity, tightness, adhesion strength and not cracking. It is modified with polymer and fiber additives. It is an extremely resisting repair mortar in the applications which is internal tension low and thick. It is used in concrete repairs, ground preparation before waterproofing, the filling of holes and for chamfers.

USAGE AREAS

- In surface repairings before waterproofing.
- Concrete, plaster and screed repairs.
- Filling of the segregation and the rod holes,
- In making and repairing construction chamfers.

APPLICATION INFORMATION

Surface preparation : Application surfaces must be clean and should be dampened before. If there are residues prevent adherence like free particles, dust, dirt, mud, etc. on the application surface, they should be cleaned. Cracks or segregations to be repaired should be trenched at least 2 cm deep. Before application, we recommend that **ISONEM D 10 LATEX** (200 mL/m²) is applied absorber surfaces with adhesion problems. When Latex applied surfaces are near dry and slightly sticky, **ISONEM M 03** should be applied.

Application Method : **ISONEM M 03** elastic mortar (20 kg) and 4 L of clean water are mixed homogeneously in a plastic container with a 400 rpm mixer. If mixing process will be manually, it should be made in smaller pieces. **ISONEM D 10 LATEKS** can be added to increase the adherence and water impermeability of **ISONEM M 03** elastic mortar. This ratio can be made by adding 1 L **ISONEM D 10 LATEX** and 3 L water to 20 kg **ISONEM M 03**. The mixture is applied to the surface by trowel or spraying method. In very hot and very cold weather applications should be paid attention and applications made in extremely hot weather should be humidified at certain intervals.

TECHNICAL SPECIFICATIONS

- **Compressive strength (Mpa)** : ≥ 10 , CLASS R1
- **Chloride ion content (%)** : $\leq 0,05$
- **Adhesive bond (Mpa)** : $\geq 0,8$
- **Solvent** : Water
- **Color** : Grey
- **Product consumption** : 20 kg/m² (for 1 cm plaster)
1 kg (for 0,5 L space as filling)
- **Paintable (Coverage) Area** : 1 m²/craft bag for 1 cm thick plaster,
min. 20 kg/craft for 10 L space as filling

PACKAGING & STORAGE

- **Packaging** : 20 kg Craft bag
- **Storage temperature (°C)** : 5 - 35 °C
- **Shelf life** : 24 months from date of production if stored in original, unopened, undamaged packages.
- **Storage condition** : Store tightly closed in a dry and cool place.

IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

APPLICATION CONDITIONS and RISKS

Things to consider during and after the application

The application surface must be clean and free from all impurities like dirt, oil, and mud. The application surface should be humidified at certain intervals in the applications made in extremely hot weather.

Other ISONEM products recommended

ISONEM D 10 LATEX should be used to increase adhesion and water impermeability.

Application temperature

It should be applied between 5 - 35°C.



General Features

Provides %100 Waterproofing

A2 S1 d0 Fire Class

Elastic Structure

Fast Drying



CONCRETE



MARBLE, GRANITE



RAW WOOD



TILE, CERAMICS



MEMBRANE, SHINGLE



STEEL, METAL

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	Repair Mortar	X	X	X	X	X
Surface Humidity	Slightly humid / humid surface	X	X	X	X	X
Application Tools	Trowel	X	X	X	X	X
Primer Usage	ISONEM D 10 LATEX	X	X	X	X	X
Primer Consumption	200 mL/m ²	X	X	X	X	X
Product Usage	Plaster / Filler	X	X	X	X	X
Product Consumption	20 kg / m ² (1 cm plaster) 1 kg / 500 ml filler	X	X	X	X	X
Between Two Coats	X	X	X	X	X	X
Touch-free Drying	24 Hours	X	X	X	X	X
Through Drying	28 Days	X	X	X	X	X

Note : Drying times are approximate data, it may vary depending on ambient conditions.

