



MAGNETIC PLASTER

MAGNETIC PLASTER, it can hang materials to surface, that have the magnet in their back, like picture, poster without damaging to the paint thanks to the magnetic metal in its structure. It is plaster which is high adhesion strength, has fast-drying property, friction-resistant, does not change color, a high-performance. It can be hung things like pictures, posters to the wall or on a wooden surface without using a nail, tape, screw or glue. When **ISONEM WRITE & ERASE VARNISH** is applied on to it, an awesome combination is obtained, the wall becomes both writeable & erasable and magnet stickable. It is applied by mixing with water, does not smell, does not harm human health and environmental. **ISONEM MAGNETIC PLASTER** does not damage computer monitor, mobile phone, TV, credit card, ATM card even though it creates a magnetic field.

USAGE AREAS

- Interior walls, schools, hospitals, shopping centers, offices, conference rooms, studios.

APPLICATION INFORMATION

Surface preparation: The application surface must be smooth, firm and free from dust. The application surfaces should be primed with **ISONEM D 10 LATEX** (200 mL/m²) before application for good adherence. Before the primer application, the dyed surfaces should be made into erose by suitable equipment like a hammer and then primer application is started.

Application method: **ISONEM MAGNETIC PLASTER** (18 kg) and 6.5 L clean water are mixed homogeneously in a plastic container with a motorized mixer. The mixture is applied to a surface by troweling or spraying. The application is done as one or two layers and **ISONEM MAGNETIC PLASTER** applied with 1 mm thickness is sleeked and trowelled. If the second layer application will be, **ISONEM D 10 LATEX** (consumption of 200 mL/m²) application is done for increasing adherence between layers. After these processes, **ISONEM WRITE & ERASE VARNISH** or any interior paint can be applied. It should be waited for at least 24 hours for the paint application on **ISONEM MAGNETIC PLASTER**. If waterbased interior paint application will be done on magnetic plaster, it is suggested **ISONEM D 10 LATEX** (consumption of 200 mL/m²) for the purpose of increase adherence of paint to the plastered surface.

TECHNICAL SPECIFICATIONS

- **Compressive strength (Mpa)** : ≥ 10, CLASS R1
- **Chloride ion content (%)** : ≤ 0,05
- **Adhesive bond (Mpa)** : ≥ 0,8
- **Pot life (23°C)** : 60 minutes
- **Solvent** : Water
- **Color** : Black
- **Product consumption** : 1 - 2 kg/m²
- **Paintable (Coverage) Area** : 5 kg: 2,5 - 5 m² /bucket
10 kg: 5 - 10 m² /bucket
18 kg: 9 - 18 m² /bucket

PACKAGING & STORAGE

- **Packaging** : 5 kg, 10 kg and 18 kg PP bucket
- **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. Make sure that the pen to be used is a whiteboard pen that can be erased.

Wait at least 24 hours for paint application on **ISONEM MAGNETIC PLASTER**.

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. In spray application, once component.

Other ISONEM products recommended

If it is wanted that the surface is both magnetically bondable and writeable erasable, **ISONEM WRITE & ERASE VARNISH** is recommended after the application of **ISONEM MAGNETIC PLASTER**.

Application temperature

It should be applied between 5 - 35°C.



General Features



Magnetic Surface



A2 S1 d0
Fire Class



Do not contain harmful chemicals for environment and human health



No Odor

| | CONCRETE | MARBLE, GRANITE | RAW WOOD | TILE, CERAMICS | MEMBRANE, SHINGLE | STEEL, METAL |
|---------------------|------------------------|-----------------|----------|----------------|-------------------|--------------|
| Application | Vertical / Horizontal | X | X | X | X | X |
| Surface Humidity | Dry Surface | X | X | X | X | X |
| Application Tools | Trowel / Spraying | 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 | 1 Layer | X | X | X | X | X |
| Product Consumption | 1- 2 kg/m ² | X | X | X | X | X |
| Between Two Coats | 4 - 24 Hours | X | X | X | X | X |
| Touch-free Drying | 1 Hours | X | X | X | X | X |
| Through Drying | ?2 Hours | X | X | X | X | X |

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

