

TECHNICAL DATA SHEET

ISONEM MAGNETIC PLASTER

(Magnet Stickable Plaster)

Product Description

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

Technical Specifications

Compressive strength (Mpa)	: ≥ 10, SINIF R1
Chloride ion content (%)	: ≤ 0,05
Adhesive bond (Mpa)	: ≥ 0,8
Touch-free Drying	: 1 hour
Through-dry time	: 3 days
Pot life (23°C)	: 30 minutes
Solvent	: Water
Class of fire reaction	: A2 S1 d0
Color	: Black

Application Procedure

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.

Application Conditions / Limitations

<u>Application</u>	: Vertical / Horizontal
<u>Surface humidity</u>	: Dry surface
<u>Primer usage</u>	: ISONEM D 10 LATEX
<u>Primer consumption</u>	: 200 mL/m ²
<u>Product usage</u>	: Plaster
<u>Product consumption</u>	: 1 - 2 kg/m ²
<u>Paintable (Coverage) Area</u>	: 5 kg: 2,5 - 5 m ² /bucket 10 kg: 5 - 10 m ² /bucket 18 kg: 9 - 18 m ² /bucket
<u>Between two coats</u>	: 4 - 24 hours
<u>Recommended application tools</u>	: Trowel / Spraying
<u>Application temperature (°C)</u>	: 5 - 35 °C

Things to consider during and after the application: The application surface must be clean and free from all impurities like dirt, oil, and mud.

Other ISONEM products recommended: ISONEM D 10 LATEX should be used to increase adhesion. If it is wanted that the surface is both magnetically bondable and writable erasable, ISONEM WRITE & ERASE VARNISH is recommended after the application of ISONEM MAGNETIC PLASTER.

IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. Wait at least 24 hours for paint application on ISONEM MAGNETIC PLASTER.

Packaging & Storage

<u>Packaging</u>	: 5 kg, 10 kg and 18 kg PP bucket
<u>Storage temperature (°C)</u>	: 5 - 35 °C
<u>Shelf life</u>	: 24 months from date of production if stored in original, unopened, undamaged packages.
<u>Storage condition</u>	: Store tightly closed in a dry and cool place.

Cleaning of Tools

Clean all tools and application equipment with clean water immediately after use.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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Isonem Paint and Insulation Technologies Construction Industry Trade Inc. - 35470/IZMIR ITOB OSB 10001 Sok. No:20 Tekeli Menderes / İzmir - TURKEY 19		
2765-CPR-0135 TS EN 1504-3: Concrete repair product for non- structural repair CC mortar (based on modified hydraulic cement) (MAGNETIC PLASTER) DoP No: 22		
	STANDARD VALUE	CONTROL VALUE
Compressive strength	Class R1 ≥ 10 Mpa	11
Chloride ion content	$\leq 0,05$	0,01
Adhesive bond	$\geq 0,8$ Mpa	0,9
Reaction to fire	Class A1	Class A1
Dangerous substances comply with 5.4		
Class of fire reaction: A2 S1 d0		

Statement of Responsibility

The technical information and application advice given in this ISONEM Paint & Insulation Technologies publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

