



# MAGNETIC PAINT

**ISONEM MAGNETIC PAINT** is a dye type that can be stuck on surface materials such as picture back having magnet, poster without any damage to dye thanks to its metal in the structure, is water-based high fusible power, easily dried, resistant to friction, non changing dye and has high performance. Without using any nail, band, screw or sticker, it can be hold on any surface such as wall or wooden like picture, poster. As it is water-based, it has no fragrance and no damage to human health. Although **ISONEM MAGNETIC PAINT** creates magnet effect, it has no damage to computer monitor, mobile phone, television, credit card and atm card.

## USAGE AREAS

· Interior walls, schools, hospitals, shopping centers, offices, conference halls, studios.

## APPLICATION INFORMATION

Application surface must be smooth, steady and dust-removal. Before using **ISONEM MAGNETIC PAINT**, the least two minutes, it must be mixed and it can be applied by using roll and scrub. As increasing magnet feature of surface, it should be applied the least 3 thick layers. The least 30-40 minutes between layer applied should be waited. After these operations, any water based dye on it can be applied.

## TECHNICAL SPECIFICATIONS

|   |   |
|---|---|
| · Density (25°C, g/mL)  | : 1,57 ± 0,10   |
| · pH (25°C)   | : 7.0 – 9.0   |
| · Viscosity (25°C, mPa.s)   | : 12500 - 13500   |
| · Solid content (% Weight)  | : 70 ± 2  |
| · Water transmission rate (kg / m <sup>2</sup> . h <sup>0.5</sup> ) | : < 0,1 CLASS W <sub>3</sub>                                |
| · Adhesion strength by pull-off test (N/mm <sup>2</sup> )           | : Crack bridging flexible systems without trafficking ≥ 0.8 |
| · Permeability to water vapour (m)                                  | : 5 ≤ S <sub>D</sub> ≤ 50 CLASS II                          |
| · Solvent   | : Water   |
| · Color   | : Black   |
| · Product consumption   | : 1 kg /m <sup>2</sup>                                      |
| · Paintable (Coverage) Area   | : 5 - 18 m <sup>2</sup> /bucket                             |

## PACKAGING & STORAGE

|                            |  |
|----------------------------|--|
| · Packaging                | : 5,10,18 kg in 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.

## APPLICATION CONDITIONS and RISKS

|  |   |
|--|---|
| <b>Things to consider during and after the application</b> | The application surface must be clean and free from all impurities like dirt, oil, and mud. |
| <b>Other ISONEM products recommended</b>                   | X   |
| <b>Application temperature</b>                             | It should be applied between 5 - 35 °C.   |



## General Features



Hygienic,  
does not contain  
any harmful substances

|                     | CONCRETE                                 | MARBLE, GRANITE | RAW WOOD | TILE, CERAMICS | MEMBRANE, SHINGLE | STEEL, METAL |
|---------------------|--|-----------------|----------|----------------|-------------------|--------------|
| Application         | In the same direction as the first layer | X               | X        | X              | X                 | X            |
| Surface Humidity    | Dry surface                              | X               | X        | X              | X                 | X            |
| Application Tools   | Roller, brush, spray                     | X               | X        | X              | X                 | X            |
| Primer Usage        | X  | X               | X        | X              | X                 | X            |
| Primer Consumption  | X  | X               | X        | X              | X                 | X            |
| Product Usage       | 2 - 3 Layers                             | X               | X        | X              | X                 | X            |
| Product Consumption | 1 kg/m <sup>2</sup>                      | X               | X        | X              | X                 | X            |
| Between Two Coats   | 30 Minutes                               | X               | X        | X              | X                 | X            |
| Touch-free Drying   | 3 Hours                                  | X               | X        | X              | X                 | X            |
| Through Drying      | 72 Hours                                 | X               | X        | X              | X                 | X            |

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

