



MAGNETIC PAINT

Water Based Paint for
Creating Magnetic Surface.



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Packing: 0.375lt | 0.75lt

Description

Special composition water borne paint, suitable for creating surfaces on which magnets can develop adhesion. It is applied on interior surfaces, on new or already painted surfaces such as walls, MDF, plywood, cement, concrete, plasterboard, after suitable preparation.

Intended Use

Painting of various surfaces to achieve decorative surface on which magnets adhere.

Shades

Available in black.

The magnetic surface may be recoated in any shade you prefer maintaining its magnetic property.
See recoating instructions.

Coverage

8 - 11m²/lt, depending on the absorption of the surface and the application method.

Recommended painting systems

New Surfaces

Stage	Description	Coatings
Preparation	Surfaces must be clean, dry, free from loose materials, greases, mould etc.	
Primer	Use the suitable primer for each surface according to the use instructions.	1 coating
Final Coating	Magnetic Paint	3 coatings

Old painted surfaces

Stage	Description	Coatings
Preparation	Surfaces must be clean, dry, free from loose materials, greases, mould etc. In case of surfaces already painted with water or solvent based enamel paints, sanding, and cleaning by mechanical means (sandpaper, refiner etc) is required.	
Primer	In case of chalking or loose substrates painted with water-based emulsion or acrylic paints first stabilize with Nature Aquafix. In case of enamel paints no primer is required after the described above preparation.	1 coating
Final Coating	Magnetic Paint	3 coatings.

Application Conditions

The product is applied at temperature environment from 10°C up to 35°C and maximum relative humidity 80%.

Application Instructions

The product is applied by roller or brush. Stir the content of the container before and after thinning as well as during the application at regular intervals. Do not use more water than the quantity recommended for the thinning thereof as the magnetic effect is reduced. Try to apply as uniformly as possible using the painting tool to have better magnet adhesion results.

Complete hardening and the product properties are achieved after at least 24 hours. If it is desirable, the surface coated with magnetic paint may be recoated by common plastic or acrylic paints after 24 hours. Many coatings or very thick coatings of the final paint may reduce the magnetic effect. In case of recoating with another product and to preserve the magnetic properties of the product, 3 or more coatings of magnetic paint and 2 coatings of the final paint are recommended to be applied.

Technical Characteristics

Density	2,21 ± 0,03gr/cm ³ (ISO 2811).
Viscosity	Thixotropic.
pH	7-8
Thinning	With water at percentage 15 to 20% by volume. Stir the content well before and after thinning and during application thereof at regular intervals.
Coverage	8 – 11m ² /lt per coating, depending on the way of application
Drying time	Touch dry from 1 to 2 hours depending on the weather conditions. Through dry after 24 hours at least. (Drying time may be elongated according to temperature and humidity conditions).
Recoating	After 4 hours depending on the weather conditions. (Recoating time may be elongated according to temperature and humidity conditions).

According to 2004/42/EC

Phase II, Subcategory I-decorative effect coatings, V.O.C content limit value = 200gr/lt, Maximum V.O.C. Content = 10gr/lt (thinned, ready to use).

Storage

Storage indoors to avoid exposure to high or low surfaces and high humidity conditions. Avoid sources of heat, radiation, static electricity, and storage near food. Keep container tightly closed. Stir well after a long storage period. After opening can use product in a short period of time. Close the can well.

Safety Instructions- Prevention of environmental harming

Wear protective gloves and goggles. Do not eat or drink anything while using the product. Always wash hands with appropriate cleaning products.

Clean tools after use with soap and water. Do not dispose eluants and paint remains in the sink, toilet, or bin. Empty cans and paint residues must be disposed of in accordance with applicable laws and local regulations. Advice should be asked from local authorities regarding the disposal and collection of waste.

Keep out of reach of children. Always read the label before use.

For further information ask for the Safety Data Sheet of the product.

All the above information is based on laboratory tests and long-term experience of the company's scientific personnel. Product quality is guaranteed by our operational system, which is based on the requirements of ISO 9001, ISO 14001 and OHSAS 18001 Standards and EMAS Regulation. As producers we do not take any responsibility for any damage that may be caused in cases that the product hasn't been used for the appropriate application and according to the application instructions.

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