



TECHNICAL DATA SHEET

2.5 MAGNETIC, SLATE AND LUMINESCENT



► Kids spaces Magnetic

Magnet-effect paint

1945 / Version 7 / 22-09-2023



DESCRIPTION

Water-based acrylic paint with a magnetic effect on which magnets can be adhered.

PROPERTIES

- Almost absolute absence of odour
- Does not yellow, splash or drip.
- Ready-to-use.
- For interior use
- Non-toxic.
- ESPACIOS MAGNÉTICA creates a magnetised film on any surface to which magnets can be attached.

USES

Recommended for indoor walls where a magnetized surface is required to allow the bonding of small magnets. Suitable for painting toys (Complies with UNE EN 71-3 Standard). Kids spaces Magnetic can be coated with any aqueous paint without losing the magnet effect, which allows to vary the original color of Kids spaces Magnetic.

TECHNICAL DATA

Appearance	Matt
Colour	Black
Thinner	Water.
Viscosity (Brookfield RVT at 20°C). Poises	60 - 80
Density at 20°C (Kg/L)	1.76 ± 0.05
Yield (m²/L):	5 - 6
Touch dry (20°C) (min)	60
Second coat (hours)	6
Total drying (days)	15 - 20
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 7,70 g/l

HOW TO APPLY

- Stir the product until totally smooth.
- The surfaces to be painted must be clean, dry and free of dust, grease, saltpetre, etc.
- If not, the surface must be cleaned properly and prepared with a coat of appropriate fixer.
- If the surface is already painted, ensure the previous paint is in good condition and well-adhered.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not paint below 7 ° C ambient temperature.

RELATIVE HUMIDITY:

Do not paint with relative humidity above 80%.

AMBIENT CONDITIONS:

It is not recommended to paint in rainy weather or in the hours of maximum heat.



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SURFACE PREPARATION

UNPAINTED SURFACES:

Cement mortar:

- Elimination of efflorescence and alkalinity by treating with DILUTED ZINC SULPHATE. Regulate absorption by applying a suitable fixer/primer (See possible application systems)

Plaster/Cast plaster:

- Apply one coat of fixer/primer to create a foundation of resin, allowing breathability, reducing absorption and facilitating the subsequent application of paint. (See possible application systems)

Concrete:

- Wait until completely set (min. 30 days). Removal of stripping substances. Regulate absorption with the application of a suitable fixer/primer

Fibre cement:

- Eliminate high alkalinity and regulate absorption by applying a suitable fixer/primer (See possible application systems)

PRE-PAINTED SURFACES IN GOOD CONDITION:

Pre-painted surface in good condition:

- Regardless of the support to be repainted, its appearance must be homogenised; in other words, adjust the surfaces that are shiny to help to open the pores and foster adhesion. Check the adhesion and resistance of the paint. Correct any texture or planimetry differences that may exist with RHONA repair mortars. Test compatibility between coats.
- If the surface to be painted has a non-homogeneous appearance (various materials, areas with different colours, repairs, etc.), it is recommended to apply a coat of opaque acrylic primer in the desired colour, in order to regularise the colour, absorption and appearance of the surface (See possible application systems).

PRE-PAINTED SURFACES IN POOR CONDITION:

Pre-painted surface in poor condition:

- Brittle surfaces: If the paint is old or badly adhered with defects such as chalking, blistering, peeling, cracking, etc., it must be completely removed by pressure water discharge before painting, then applying a coat of suitable fixer and finishing with two diluted coats of finish. If the bottom is in poor condition, e.g. weathered, a coat of suitable fixer and two diluted coats of finish should be applied.

Diseased:

- Surfaces with mould and algae: Removal and disinfection of mould or algae by vigorously rubbing the stain with a brush using household bleach or 10 volume hydrogen peroxide. It is finished with two finishing coats with anti-mould preservative for film protection.
- Surfaces with metal salts: These, coming from the slabs, are reddish or yellowish in colour; they must be covered with two coats of suitable anti-stain paint and then painted as normal.

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POSSIBLE APPLICATION SYSTEMS

Apply a minimum of 3 coats of MAGNETIC SPACES without diluting, the greater the thickness of paint applied, the greater the magnetic effect.

MAGNETIC SPACES can be coated with any aqueous paint without losing the magnet effect, which allows the original color of MAGNETIC SPACES to be varied. Utensils and stains clean with water.

PRIMERS:

- Fixacril Solvent-based acrylic fixer: Non-consolidated absorbent surfaces: Yield: Concrete: 15-20 m²/L. Cement mortars: 10-15 m²/L. Fibre cement: 10 - 15 m²/L. Plaster/Cast plaster: 5 - 15 m²/L. Painted surfaces: 15 - 20 m²/L. Coats: 1
- Fixenol Pigmented: non-homogeneous surfaces (various materials, areas with different colours, repairs, etc.), where FIXENOL PIGMENTED is to be applied in the desired colour, in order to regularise the colour, absorption and appearance of the surface. Yield: 8 - 15 m²/L. Coats: 1
- Isacrílico Sealing emulsion: consolidating primer for porous surfaces. Undiluted product yield: Concrete. 30-60 m²/L. Cement mortars: 15-20 m²/L. Fibre cement: 15 - 25 m²/L. Plaster/Cast plaster: 10 - 15 m²/L. Painted surfaces: 15 - 40 m²/L. Coats: 1

FINISH ESPACIOS KIDS MAGNÉTICA:

- Yield: 5 - 6 m²/l
- Coats: 3-4

SAFETY

Consult the current safety data sheet for safe handling (Section 8.2). Unsuitable for children. Keep out of the reach of children. Do not place painted surfaces into the mouth.

REMOVAL

Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling, in line with the local and national legislation in force. Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling. Do not pour down drains or into the environment. Dispose of the product at an authorised waste disposal site or through an authorised waste management company. Waste must be handled, stored and disposed of pursuant to current local- national legislation.

STORAGE

See storage conditions indicated in section 7.2 of the current safety data sheet. Store the containers away from high temperatures, direct exposure to the sun and frost. Maximum recommended storage time: 12 months from manufacture in fully sealed original container, indoors and at temperatures between 5° and 35° C.

LEGAL TEXT NOTE

This information and, in particular, the recommendations regarding the application and final use of the product, are given in good faith, based on the current knowledge and experience of Isaval Paints of the products when they are properly stored, handled and applied, in normal situations, within its useful life, according to the recommendations of Pinturas Isaval. In practice, the possible differences in the materials, supports and actual conditions at the place of application are such that it cannot be inferred from the information in this document, no any other written recommendation, neither any advice offered, will insure the guarantee in terms of marketing or suitability for particular purposes, neither any obligation outside of any legal relationship that may exist. The user of the products must carry out the tests to verify their suitability according to the use they want to give. Pinturas Isaval reserves the right to change the specifications of its products. The property rights of third parties must be respected. All orders are accepted according to the terms of our current General Conditions of Sale and Supply. Users should know and use the latest and updated version of the local Product Data Sheets, a copy of which will be sent to whoever requests them, or can also be obtained on the page "www.isaval.es". Data on this Sheet are based on laboratory tests. The measures taken "on site" may vary due to circumstances beyond our control.