

MagnetPaint – Technical Data Sheet



Producer: MagPaint Europe BV, Riezenweg 2, NL-7071 PR Uft, www.magpaint.com
Distributor: SIA "Krāsu serviss", Vienības gatve 93, Rīga, Latvija LV-1058,
Tel.:+ 371 669 39 669, info@krasas.lv, www.krasas.lv

1. Description:

MagnetPaint is a dark grey water-based wall paint for indoor use. MagnetPaint is based on an acrylate binder with fillers, (ferromagnetic) pigments and additives. A wall that has been treated with a few layers of MagnetPaint attracts (neodymium) magnets. After applying a minimum of three layers, the MagnetPaint can be overcoated with any conventional type of water-based wall paint. Any type of magnet can be used on MagnetPaint, from fridge magnets, foil magnets, magnet tape and MagPaint's Kids Magnet sets to the stronger Neodymium magnets.

The theoretical pulling force of a Ø29 mm Neodymium magnet on a fully applied system according to consumption is approx. 2400 N/m². For a writable surface, MagnetPaint can be overcoated with BlackboardPaint or SketchPaint. Make sure you have the smoothest possible finish of MagnetPaint or inquire about MagnetPlaster from our Professional product line.

Contains little to no solvent.

MagnetPaint does not generate any (magnetic) radiation.

2. Application:

MagnetPaint can be applied indoors on any surface. Walls, doors, kitchen cabinets, furniture, etc. as long as there is a good pre-treatment of the substrate. With MagnetPaint, you create a magnetic surface in playrooms, living rooms, kitchens, bedrooms, office spaces; basically, wherever you want to attach something with magnets. You can attach notes, drawings, paintings, decorations, storage trays, and much more flexibly using our Neodymium magnets or magnetic tape. With our Kids magnet sets, children can be creative with letters, numbers, vehicles, smileys and animals.

3. Equipment:

MagnetPaint can be applied with a short-haired wall paint roller. MagnetPaint can also be sanded with 120 grit sandpaper after application, or smoothed with a chip after drying each layer.

Clean used tools with water.

4. Theoretical consumption:

2 m²/l or half a litre per square metre, depending on many factors such as porosity and roughness of the substrate and material loss during application. Use 1 litre of MagnetPaint for no more than 2m². A thinner layer produces less magnetic force. For a stronger magnetic force: apply an additional layer.

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5. Instructions for use - Application:

Pre-treatment: it is best to clean and sand the surface properly. MagnetPaint can be applied directly on absorbent surfaces such as wood, MDF and Gypsum cardboard. Sand existing coatings or plastic surfaces for a good matt finish. Remove any damaged or peeling paint layers. If you want to be able to remove the MagnetPaint later, you can apply paintable wallpaper first.

Application: do not process at a temperature below +5°C and/or a relative humidity of more than 80%. Open the MagnetPaint and stir to a homogeneous mass. The heavy magnetic component may have subsided to the bottom during storage. Stir 2.5 L and 5 L cans, if necessary, with a (cordless drill) mixer. Pour the MagnetPaint into a roller box and saturate the short-haired roller. Remove excess paint and apply the MagnetPaint to the prepared substrate. Use short strokes to evenly distribute the MagnetPaint across a small area until the roller no longer applies any paint. This ensures the smoothest result. Apply a covering layer of MagnetPaint, piece by piece. A layer that is too thick causes a bumpy result. After drying for 4 hours, you can apply a second (and third) layer in the same way. If you still have paint after three layers, you can use it for an additional layer. This creates an even stronger magnetic force. For an extra smooth result, you can sand the MagnetPaint with 120 grit sandpaper after applying each layer. Wear suitable respiratory protection for this and brush off the surface thoroughly. If necessary, test the magnetic force before you finish the MagnetPaint.

Finish: twelve hours after applying the last layer, MagnetPaint can be overcoated with any common type of wall paint in any colour. MagnetPaint can also be covered with thin wallpaper.

6. Instructions for use - Use:

24 hours after applying the last layer, MagnetPaint can be fully loaded with Magnets. Any type of magnet can be used with MagnetPaint. The attraction depends not only on the layer thickness of the MagnetPaint, but also on the force of the magnet used and the contact surface of the magnet with the paint. Neodymium magnets have the strongest magnetic force. Foil magnets have a large contact surface. You can also attach our magnetic tape to the back of flat objects for flexible suspension. Select the right magnet depending on what you want to put on the wall.

7. Storage advice:

In unopened packaging, in a dry, well-ventilated room, away from direct sunlight at temperatures between 5°C and 35°C. Perishable after opening.

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8. VOC/Certification:

EU limit value for this product (2004/42/EC, cat aWB, 2010): 30 g/L. For MagnetPaint: 0 g/L.

9 Specifications:

Commodity code: 320910.

Colour: Dark grey (\pm RAL 7015).

Sheen: Matt.

Density: 2.3 - 2.5 kg/L.

Layer thickness: Approx. 83 μ m. (one layer) 250 μ m. (three layers).

Theoretical consumption: Approx. 6 m²/L (one layer), about 2 m²/L (three layers) depending on the substrate and application method.

Viscosity: Ready for use, dilute with 5% clear water if necessary.

VOC: EU limit value for this product (2004/42/EC, cat aWB, 2010): 30 g/L. For MagnetPaint: 0 g/L.

Processing: Temperature: > +5°C. Humidity <80% RH

Surface dry: Approximately 10 minutes at 20°C and 65% RH

Additional layers: Approx. 4 hours at 20°C and 65% RH

Repainting: Approx. 12 hours at 20°C and 65% RH After applying the last layer.

Ready to use: Approx. 24 hours at 20°C and 65% RH After applying the last layer.

Units: 0.5 litres - 1 litre - 2.5 litres - 5 litres.

Shelf life: At least 24 months under the right storage conditions.

LITTLE TO NO SOLVENT
MEETS HEALTH AND SAFETY REQUIREMENTS FOR PROFESSIONAL INDOOR USE
SAFETY DATA SHEET AVAILABLE AT MAGPAINT EUROPE OR DOWNLOAD AT WWW.MAGPAINT.COM