

# MagnetPlaster – Technical Data Sheet



Producer: MagPaint Europe BV, Riezenweg 2, NL-7071 PR Uift, [www.paintforpros.com](http://www.paintforpros.com)  
Distributor: SIA "Krāsu serviss", Vienības gatve 93, Rīga, Latvija LV-1058,  
Tel.:+ 371 669 39 669, [info@krasas.lv](mailto:info@krasas.lv), [www.krasas.lv](http://www.krasas.lv)

## 1 Description:

MagnetPlaster is a dark grey plastic water-based plaster for indoor application. MagnetPlaster is based on an acrylate resin with fillers, (ferromagnetic) pigments and additives. A piece of a wall plastered with MagnetPlaster attracts (neodymium) magnets. After applying only one layer, MagnetPlaster can be overcoated with any common type of water-based wall paint. Any type of magnet can be used on MagnetPlaster. The theoretical magnetic force of a Ø29 mm Neodymium magnet on a fully applied system according to consumption is approx. 5000 N/m<sup>2</sup>. MagnetPlaster can be overcoated directly with BlackboardPaint for a magnetic chalkboard. MagnetPlaster can be treated with a combination of our Primer and our SketchPaint for a magnetic whiteboard.

Contains little to no solvent. Meets health and safety requirements for professional indoor use. MagnetPlaster does not generate any (magnetic) radiation.

## 2 Equipment:

Use a block brush or coat roller for applying the primer.

To apply MagnetPlaster, use a trowel, top plate, plaster sponge and sanding board with sponge sole. Clean used tools with water.

## 3 Substrate:

The substrate must be clean, dry, grease-free and load-bearing. Remove all loose parts and make the surface dust-free, remove wallpaper completely. Fill holes and cracks with a filler and apply Quartz Primer.

## 4 Theoretical consumption:

Per layer: 1m<sup>2</sup> per litre, applied in a wet layer thickness of 1 mm. Depending on many factors such as porosity and roughness of the substrate and material loss during application. A thicker layer results in a stronger (Ferro)magnetic effect in combination with Neodymium magnets. Apply a max layer thickness of 1.8 mm, otherwise there is a chance of cracks.

# MagnetPlaster – Technical Data Sheet



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

## 5 Application instructions:

- Do not process at temperatures below +10°C.
- MagnetPlaster should be applied in a paint-ready manner.
- Apply Quartz Primer and let it dry for 4 hours.
- Stir the MagnetPlaster well.
- Lay MagnetPlaster with the trowel on the top plate.
- Use a trowel to apply the MagnetPlaster in a wet layer thickness of 1 mm.
- MagnetPlaster is tack-free after about 4 hours.
- Wait until the MagnetPlaster is dry and apply any finishing coat.
- Leftover material can best be used for an additional layer.
- MagnetPlaster can be painted over after approx. 12 hours.

## 6 Directions for use:

MagnetPlaster can be fully loaded with magnets after 24 hours. Any type of magnet can be used with MagnetPlaster. The force of the magnet determines their ultimate attraction to the treated surface. The layer thickness, the contact surface and the distance between magnet and surface also influence the magnetic force. Select the appropriate magnet for the intended use. MagPaint offers Neodymium magnets, magnetic tape and a range of kids magnets. Neodymium magnets have the strongest attraction to MagnetPlaster.

## 7 Storage conditions:

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

## 8 VOC/Certification:

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

# MagnetPlaster – Technical Data Sheet



Producer: MagPaint Europe BV, Riezenweg 2, NL-7071 PR Uift, [www.paintforpros.com](http://www.paintforpros.com)  
Distributor: SIA "Krāsu serviss", Vienības gatve 93, Rīga, Latvija LV-1058,  
Tel.:+ 371 669 39 669, [info@krasas.lv](mailto:info@krasas.lv), [www.krasas.lv](http://www.krasas.lv)

## 9 Specifications:

<b>Commodity code:</b>	320910.
<b>Colour:</b>	Dark grey (± RAL 7011)
<b>Sheen:</b>	Matt.
<b>Density:</b>	2.3-2.5 kg/L
<b>Layer thickness:</b>	1-1.5 mm wet. Ca> 500 µ dry.
<b>Theoretical consumption:</b>	± 1 m <sup>2</sup> /L, with a wet layer thickness of 1 mm. depending on the surface and the application method.
<b>Viscosity:</b>	Paste, ready for use. Dilute up to 3% with clear water if necessary.
<b>VOC:</b>	EU limit value for this product (2004/42/EC, cat aWB, 2010): 30 g/L. This product contains 0 g/L VOC.
<b>Processing</b>	T: > +10 ° C RLH: <80%.
<b>Tack-free:</b>	Approx. 4 hours at 20°C and 65% RH
<b>Repainting:</b>	Approx. 12 hours at 20°C and 65% RH
<b>Ready to use:</b>	Approx. 24 hours at 20°C and 65% RH
<b>Units:</b>	2 litres - 5 litres - 10 litres.
<b>Shelf life:</b>	At least 18 months under the right storage conditions.