

MagnetPlaster – Technical Data Sheet

MagPaint Europe B.V.
Riezenweg 2, 7071 PR Ulft, The Netherlands



1. Description

MagnetPlaster is a high quality water based indoor wall plaster based on an acrylic binder with a special ferro-magnetic component that gives high coverage and a dark grey colour. MagnetPlaster is odourless, non-toxic and lead free. It can be applied easily, in one thick layer to create a wall on which magnets will stick. The Magnetic attraction of one layer of MagnetPlaster is up to two times stronger than three layers of MagnetPaint. MagnetPlaster can be finished with any colour of paint, or even be used as wallpaper glue. Finish it with a good wear, impact and scratch resistant top layer for ultimate durability. Or use it in combination with our other products like BlackboardPaint, BeamerPaint and SketchPaint.

No / very few solvents.

2. Equipment

MagnetPlaster can be applied using a Plastering Trowel and a Plasterers Hawk, and smoothed with a Taping knife. Apply our QuartzPrimer using a Block brush or Fur roller. Clean your equipment with water directly after use.

3. Surface

The surface should be treated with Quartz White Primer before MagnetPlaster is applied. For prior surface preparation, refer to the Technical Data Sheet of our Quartz White Primer.

4. Application

First, apply QuartzPrimer and allow it to dry for at least 12 hours. Stir the Plaster well. MagnetPlaster should be applied at a temperature above +10°C and a relative humidity of maximum 80%. MagnetPlaster should be applied at a wet layer thickness of 1mm, giving a theoretical consumption of 1m²/L. The actual consumption depends on how thick it is applied, with a maximum of 1,8mm. Apply one layer of approximately 1mm using a Trowel. Use wide strokes to cover the whole surface, then Use a spatula to smoothen the MagnetPlaster. For the smoothest result, let the MagnetPlaster get hand dry, and apply a thin finishing layer using a Spatula. Allow the MagnetPlaster to dry for 12 hours, then finish the application by sanding down any irregularities using a sanding board. Do not forget to make the surface dust-free before you continue with a finish layer. 12 hours after the final layer, MagnetPlaster can be finished in any colour. Wallpaper can be stuck to wet MagnetPlaster that is applied to the wall using a 6mm notched trowel.

5. Usage

24 hours after it has been applied, MagnetPlaster can be loaded with magnets. How much you can hang on the wall with a magnet depends not only on the layer thickness, but also on the strength of the magnets you use. Also the weight and thickness of the object play a role. The theoretical pulling force needed to remove a Ø29 mm Neodymium magnet on a layer of MagnetPlaster applied in 1mm is approximately 5000 N/m². MagPaint offers a wide range of magnets varying in size and strength, as well as a line of Kids Magnets designed for children to play with on the wall.

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. In case of queries please request our technical assistance.

SAFETY DATA SHEET AVAILABLE AT MAGPAINT EUROPE OR DOWNLOAD AT WWW.PAINTFORPROS.COM

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6. Storage

MagnetPlaster should be stored cool, dry, frost-free and in closed packaging. Shelf life in closed packaging is at least 36 months under the right storage conditions. Preferably use a bucket of MagnetPlaster completely, this will benefit the magnetic power. Otherwise close properly after use. Perishable after opening.

7. Certifications

EU VOC limit value for this product (2004/42/EC, cat aWB, 2010): 30 g/L. MagnetPlaster contains 0 g/L VOC. MagnetPlaster is in conformity with EN 71-3 and ROHS.

Contains no substances classified as; carcinogenic, mutagenic, reprotoxic or classified with regard to environmental hazards, according to Regulation (EC) NO. 1272/2008.

MagnetPlaster is free of formaldehyde, APEO, solvents, plasticizers, lead and asbestos.

Fire class is determined as follows: A2 – s1,d0, in combination with Quartz White Primer.

8. Specifications

Commodity code:	320910.
Colour:	Dark grey (± RAL 7011).
Sheen:	Matt.
Density:	2,3-2,5 kg/L.
Layer Thickness:	1-1,8 mm wet layer thickness. Approximately >500 mu dry.
Consumption:	± 1 m ² /L, with a wet layer thickness of 1 mm.
Viscosity:	Paste, ready for use. Dilute up to 3% with clear water if necessary.
VOC:	EU limit value for this product (2004/42/EC, cat aWB, 2010): 30 g/L. This product contains 0 g/L VOC.
Processing:	T: > +10°C - RH: <80%.
Drying time:	Approx. 4 hours at 20°C and 65% RH.
Finish after:	Approx. 12 hours at 20°C and 65% RH.
Ready to use after:	Approx. 24 hours at 20°C and 65% RH.
Units:	2 litres - 5 litres - 10 litres.
Shelf life:	At least 36 months under the right storage conditions. Perishable after opening.

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