

Resene Magnetic Magic

Resene Magnetic Magic is a premium waterborne paint formulated with iron oxides for maximum magnetic effect.

Interior

Typical uses

- Smooth, non-textured interior areas where it is desired to affix magnets

Solvent	Water
Colour	Silver
Dry time	45 minutes at 18°C
Recoat	3 hours
Primer required	Yes
Theoretical coverage	6 sq. metres per litre
Dry film thickness	A minimum of 150 microns (2 coats each at 6 sq. metres per litre) is required
Usual no. of coats	1-2 coats (depending on application method)
Abrasion resistance	Very good
Chemical resistance	Fair
Heat resistance	Good
Solvent resistance	Good
Durability	Excellent
Thinning and clean up	Water, in hot dry conditions may be thinned with up to 5% Resene Hot Weather Additive

Physical properties

Performance

Performance and limitations

1. Excellent magnetic coating. Recommended for use with rare earth magnets.

Limitations

1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
2. Not designed for use in wet areas or exterior situations.
3. Must be overcoated prior to use as a magnetic board.

Magnetic Magic

Surface preparation

Ensure surfaces to be painted are in sound condition, thoroughly sanded to a smooth finish, dry, free from dirt, dust, and loose material.

If mould is present, treat with Resene Moss & Mould Killer ([see Data Sheet D80](#)).

All sanding dusts may be harmful and appropriate protection should be worn. In particular dusts from old lead or chromate based paints or old building materials containing asbestos may be injurious to health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.

This product may be used to paint a wide variety of surfaces. If the surface you propose to paint is unsound or not referred to, try a small test area first or contact your local Resene ColorShop or Reseller for advice.

Priming

Resene Quick Dry Acrylic Primer Undercoat ([see Data Sheet D45](#)) must be used as the first coat on particle and fibre boards.

Paperfaced plasterboard, fibrous plaster and their stoppings should be primed (e.g. Resene Broadwall – [see Data Sheet D403](#)).

Hardboard must be sealed (e.g. Resene Sureseal – [see Data Sheet D42](#)) to promote flow of the topcoats.

Some 'soft' paperfaced plasterboard preparatory products and under-cured gypsum based stoppings may not be suitable basecoats for painting under stressed conditions.

Sound fibre cement surfaces do not normally require a primer. Spot prime any nail heads with Resene Galvo-Prime ([see Data Sheet D402](#)).

Repaints - spot prime all bare areas with the same primer shown for new work and proceed as for new work.

Application

Prepare and prime surface. Apply Resene Magnetic Magic in smooth full coats by brush, hi-solids roller or spray. Additional coats and a very smooth surface will result in a stronger magnetic effect. A minimum of 150 microns (2 coats each at 6 square metres per litre) is required. Roller application will result in a slight orange peel effect.

To avoid visible coating thickness differences between magnetic and non-magnetic areas, it is recommended that a complete wall or area be coated or that the edge of the magnetic area be decorated or framed to clearly delineate the available magnetic area.

Topcoat Resene Magnetic Magic in two coats of the standard Resene acrylic topcoat of your choice. Resene SpaceCote Low Sheen waterborne enamel ([see Data Sheet D311](#)) is the recommended topcoat for maximum durability and a choice of over 3000 Resene colours.

There is no need to sand Resene Magnetic Magic between coats.

Precautions

Maintain good ventilation throughout the drying and curing period to ensure the paint is properly cured. Poor ventilation may inhibit curing and performance.

*Information contained in this Data Sheet is re-validated every two years following issue date.
Please ensure current Data Sheet is consulted prior to specification or application of Resene products.
If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*