

Resene Magnetic Magic

Resene Magnetic Magic is a premium waterborne paint formulated with iron oxides to provide a magnetic effect.

interior

Typical uses

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

To hang a poster from your magnetic area, use self-adhesive magnetic rubber pieces applied to the back of the poster. Other items may be hung using high quality magnets for best magnetic effect.

Solvent	Water
Colour	Blue grey
Dry time (minimum)	45 minutes at 18°C
Recoat time (minimum)	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	2 or more 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
VOC	c. 80 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. Provides a magnetic coating so you can hang things from your walls without damaging the paint finish. Recommended for use with high quality magnets for best magnetic effect.
2. The smoother the finish and the thicker the application, the stronger the magnetic effect will be.

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 promptly prior to use as a magnetic board, otherwise rusting may occur.

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.

Priming

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

Paperfaced plasterboard, fibrous plaster and their stoppings should be primed (e.g. Resene Broadwall Waterborne Wallboard Sealer – 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 undercured 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 nailheads 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 sleeve or spray. Roller application will result in an orange peel effect. A minimum of 150 microns (two coats each at six square metres per litre) is required. Depending on application method, this may require more than two coats. The smoother the finish and the thicker the application, the stronger the magnetic effect will be. Once dry test your magnets on the Resene Magnetic Magic coating to ensure they adhere well before applying topcoats. If you wish to achieve a stronger magnetic effect apply an additional coat/s of product then retest with your magnets. Ensure you are happy with the magnetic effect before applying topcoats.

Do not sand Resene Magnetic Magic.

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 with 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 thousands of Resene colours.

If there is a long delay between painting and overcoating then a coat of Resene Galvo One (see [Data Sheet D41](#)) is recommended over the Resene Magnetic Magic before topcoating.

Precautions

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

Please ensure the 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.