

Resene ArmourCat 810

metallic effects

Resene ArmourCat 810 is a two pack, acid-catalysed finish formulated to produce metallic and special effects. May be overcoated with either Resene ArmourCat or DuraGloss clear finishes for enhanced wear and appearance.

interior

Typical uses

- Desks
- Doors
- Furniture
- Kitchen units
- Shop fittings
- Timber fixtures
- Wall units/shelving

Physical properties

Vehicle type	Acid-catalysed alkyd urea resin system
Hardener	Organic acid
Pigmentation	Metallic/special effect/organic/inorganic
Solvent	Aromatic/alcohol
Finish	Aluminium: Semi-gloss Blast grey: Satin
Colour	A range of metallic effects from the Resene Metallics and Special Effects colour chart
Pot life	8 hours at 18°C
Mix ratio	10 parts base: 1 part hardener (by volume)
Induction time	5-15 minutes
Dry time (minimum)	Tack free: 10-15 minutes at 18°C To handle: 2 hours at 18°C Full cure: 7 days at 18°C
Recoat time (minimum)	Resene ArmourCat Clear: 2 hours at 18°C Resene ArmourCat Clear: Maximum: 7 days at 18°C DuraGloss Clear: Minimum: 6 hours at 18°C DuraGloss Clear: Maximum: 7 days at 18°C
Sealer/undercoat reqd	Yes, Resene ArmourCat 805 (new MDF/wood)
Theoretical coverage	10 sq. metres per litre.
Volume solids	Aluminium: 40% (mixed, unthinned) Blast grey: 46% (mixed, unthinned)
Thinning and clean up	Resene Thinner No.16
Overcoating	Resene ArmourCat 842 (see Data Sheet RA89), Resene ArmourCat 843 (see Data Sheet RA90) and DuraGloss Clear Satin/Gloss

Performance

Performance and limitations

1. Quick drying.
2. Ability to match metallic effects between walls and furniture.
3. In environments where maximum chemical, solvent or abrasion resistance is required the use of a DuraGloss Clear finish as a protective clear coat is recommended.

Limitations

1. Dry and recoat times are affected by low temperatures and high humidities.
2. Interior use only.
3. Spray application only.

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Surface preparation

New MDF board, timber

Prime bare substrate with Resene ArmourCat 805 sealer/undercoat (see [Data Sheet RA84](#)).

Dry sand cured primer with 320 grit sandpaper to achieve a smooth even finish. Ensure the sanded substrate is free from dirt, dust, loose material, oil and grease.

Repaint

All surfaces must be clean, sound, free from dust, chalking, flaking paint, dirt, mould or grease.

Sand entire surface to a smooth finish. Feather back damaged coatings to a sound edge, spot prime bare areas with Resene ArmourCat 805 (see [Data Sheet RA84](#)). Allow to cure for minimum recoat time then apply a full coat of Resene ArmourCat 805 (see [Data Sheet RA84](#)) to all areas. A test patch should be done to check adhesion and that the Resene ArmourCat 805 (see [Data Sheet RA84](#)) does not lift the existing paint.

Not suitable for repaints of existing nitro cellulose or two pack urethane based furniture coating systems.

Application

Mixing

Thoroughly stir contents of the base container until uniform using an explosion proof mixer.

Add one part of Resene ArmourCat Series hardener to ten parts of Resene ArmourCat 810 base and power mix until uniformly blended. Allow mixed product to stand for 5-15 minutes before use or thinning.

Thinning

Thin up to 10% by volume of mixed material with Resene Thinner No.16. The quantity of thinner required will vary according to spray equipment and environmental conditions. Avoid excessive thinning as heavy settling of metallic pigments may occur resulting in an uneven finish.

Application

Spray only (conventional or pressure pot). Consult your Resene Automotive Technical Representative for assistance with spray set-up and application techniques before commencing work.

Safety precautions

Consult Safety Data Sheet for this product prior to use. Users should ensure that they are familiar with all aspects concerning safe application of this product. **IF IN DOUBT, DO NOT USE THIS PRODUCT.**

*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.*

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the paint the professionals use

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