

Resene ArmourCat 805

pigmented sealer/undercoat

Resene ArmourCat 805 is a two pack, tintable acid-catalysed sealer/undercoat for priming composite boards and timbers prior to application of Resene ArmourCat metallic and solid colours. Exhibits quick drying; excellent filling and sanding characteristics.

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	Titanium dioxide/extenders
Solvent	Aromatic/alcohol
Finish	Matt
Colour	Pale grey
Pot life	8 hours at 18°C
Mix ratio	5 parts base: 1 part hardener (by volume)
Induction time	5-15 minutes
Dry time (minimum)	Tack free: 10-15 minutes at 18°C To sand: 2 hours at 18°C
Recoat time (minimum)	2 hours at 18°C Maximum 7 days at 18°C
Sealer/undercoat reqd	No (new work)
Theoretical coverage	10 sq. metres per litre; coverage rates will vary according to substrate porosity
Volume solids	47% (mixed, unthinned)
Thinning and clean up	Resene Thinner No.15
Overcoating	Resene ArmourCat 810 (see Data Sheet RA85), Resene ArmourCat 822 (see Data Sheet RA87) and Resene ArmourCat 823 (see Data Sheet RA88)

Performance

Performance and limitations

1. Quick drying.
2. Excellent filling and sanding characteristics.
3. Excellent hold out of topcoats.
4. Tintable in colours to facilitate hiding and finish.

Limitations

1. Dry and recoat times are affected by low temperatures and high humidities.
2. Interior use only.
3. Ambient cure only.
4. Spray application only.
5. Recoating of fully cured Resene ArmourCat 805 without abrasion of the existing paint may result in unsatisfactory adhesion.

ArmourCat 805 pigmented sealer/undercoat

Surface preparation

New MDF board

Dry sand with 240-320 grit sandpaper to achieve a smooth even finish, paying special attention to cut or machined edges. Ensure the sanded substrate is free from dirt, dust, loose material, oil and grease.

Check the moisture content of the substrate immediately prior to painting. Do not proceed with the paint application if the moisture content of the substrate is greater than 15%.

New timber

Fill all defects with a compatible filler. Dry sand the substrate to a smooth even finish with 240 grit sandpaper. Ensure the sanded substrate is free from dirt, dust, loose material, oil and grease.

Check the moisture content of the substrate immediately prior to painting. Do not proceed with the paint application if the moisture content of the substrate is greater than 15%.

Repaint

All surfaces must be clean, sound, free from dust, chalking, flaking paint, dirt, mould or grease. Sand the entire surface to a smooth finish. Feather back damaged coatings to a sound edge, spot prime bare areas. Allow to cure for the minimum recoat time then apply a full coat to all areas.

A test patch should be done to check adhesion and that the Resene ArmourCat 805 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 five parts of Resene ArmourCat 805 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.15. The quantity of thinner required will vary according to spray equipment and environmental conditions.

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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