

Resene ArmourCat 843

gloss clear

Resene ArmourCat 843 is a two pack, acid-catalysed gloss clear finish for composite boards and timber. Suitable for use as a clear over Resene ArmourCat 810 Metallic Effects (see [Data Sheet RA85](#)) for improved durability and cleaning.

interior

Typical uses

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

Vehicle type	Acid-catalysed alkyd urea resin system
Hardener	Organic acid
Pigmentation	None
Solvent	Aromatic/alcohol
Finish	Gloss
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 sand: 2 hours at 18°C Full cure: 7 days at 18°C
Recoat time (minimum)	2 hours at 18°C Maximum: 7 days at 18°C
Sealer/undercoat reqd	Resene ArmourCat 800 (new MDF/wood)
Theoretical coverage	10 sq. metres per litre; coverage rates will vary according to substrate porosity
Volume solids	46% (mixed, unthinned)
Thinning and clean up	Resene Thinner No.15

Physical properties

Performance

1. Quick drying.
2. Alcohol resistant finish.

Limitations

1. Not recommended as a clear finish over Resene ArmourCat 810 Metallic Effects (see [Data Sheet RA85](#)) in high wear situations. Use DuraGloss Clear Gloss where abrasion resistance and toughness are of prime importance.
2. Interior use only.
3. Dry and recoat times are affected by low temperatures and high humidities.
4. Ambient cure only.
5. Spray application only.
6. Recoating of fully cured Resene ArmourCat 843 without abrasion of the existing coatings may result in unsatisfactory adhesion.

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Surface preparation

New MDF board, timber

Prepare and prime substrate with Resene ArmourCat 800 clear sealer (see [Data Sheet RA83](#)).

Lightly dry sand cured sealer 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 800 (see [Data Sheet RA83](#)). Allow to cure for minimum recoat time then apply a full coat of Resene ArmourCat 800 (see [Data Sheet RA83](#)) to all areas. A test patch should be done to check adhesion and that the Resene ArmourCat 800 (see [Data Sheet RA83](#)) 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 843 gloss 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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