

Resene ArmourCat 823

gloss solid colour

Resene ArmourCat 823 is a two pack, acid-catalysed pigmented gloss finish for composite boards and timber.

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
Curing agent	Organic acid
Pigmentation	Titanium dioxide/flattening agents
Solvent	Aromatic/alcohol
Finish	Gloss
Colour	White, selected Resene Total Colour System colours from BS2660, BS5252, Multi-Finish and The Range.
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 805 (new MDF/wood)
Theoretical coverage	10 sq. metres per litre; coverage rates will vary according to substrate porosity
Volume solids	47% (mixed, unthinned)
Thinning and cleanup	Resene Thinner No.15

Performance

Performance and limitations

1. Quick drying.
2. Gloss finish.
3. Extensive colour range to match wall finishes.
4. Alcohol resistant finish.

Limitations

1. Interior use only.
2. Dry and recoat times are affected by low temperatures and high humidities.
3. Spray application only.
4. Ambient cure only.
5. Use two pack polyurethane systems on areas where abrasion resistance and toughness are of prime importance.
6. Recoating of fully cured Resene ArmourCat 823 without abrasion of the existing paint may result in unsatisfactory adhesion.

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Surface preparation

New MDF board, timber

Prepare and prime substrate with Resene ArmourCat 805 pigmented sealer/undercoat (see [Data Sheet RA84](#)).

Ensure the 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 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 823 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 5% 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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