

Resene Armourcote 608

fast dry spraying
enamel

Resene Armourcote 608 is a high gloss, fast dry spraying enamel based on a modified polyester resin. Durability, colour and gloss retention is typical of high quality gloss enamels.

exterior/interior

Typical uses

- Most suitably prepared exterior and interior surfaces

Vehicle type	Oil modified polyester
Pigmentation	Titanium dioxide
Solvent	Aromatic
Finish	High gloss
Colour	White, selected BS2660, BS5252 and Resene Total Colour System
Dry time (minimum)	Tack free: 30 minutes Dry to handle: 2-3 hours
Theoretical coverage	12 sq. metres per litre at 38 microns DFT
Recommended DFT	38 microns at 12 sq. metres/litre
Usual no. of coats	1-2
Abrasion resistance	Good
Chemical resistance	Acid – good; alkali - poor
Heat resistance	Up to 100°C (dry)
Solvent resistance	Good (cured film)
Durability	Good
Thinning and clean up	Resene Thinner No.5

Physical properties

Performance

Performance and limitations

1. Fast drying.
2. May be applied over a variety of suitably prepared substrates.
3. An economical topcoat for improvement of the aesthetic appearance of epoxies in exterior situation.

Limitations

1. Ensure correct primer is used.
2. Drying time can be affected by low temperature, high humidity and wet film thickness.
3. Ultimate harness, recoatability and solvent resistance develops over 7-10 days.
4. When applied over zinc rich primers a non-saponifiable barrier coat **must** be applied.
5. Not recommended for prolonged or continuous immersion in fresh or saltwater.
6. Suitable for brush application on small areas only.

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Surface preparation

Aluminium

Remove oil or grease film with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)) and rinse thoroughly. Apply Resene Vinyl Etch (see [Data Sheet RA31](#)).

Coated surfaces

Old painted surfaces should be sound and cleaned and sanded to give a surface free from chalking, flaking paint, dirt, mould or grease. Feather back damaged coatings to a sound edge. Spot prime any bare areas with recommended substrate primer. All corrosion on metals should be removed to suit the primer. Armourcote 608 contains strong solvents that can wrinkle undercured primers or some existing paints. Apply a test patch to confirm compatibility and adhesion.

Fibreglass

Clean to remove all dirt, mould or release chemicals. Sand with fine abrasive paper to a dull flat finish. Apply Resene Waterborne Smooth Surface Sealer (see [Data Sheet D47a](#)).

Galvanised steel, Zincalume

Remove oil or grease film with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)) and rinse thoroughly. Prime with Resene Galvo One (see [Data Sheet D41](#)). Allow primer to cure for at least 48 hours prior to application of the spraying enamel.

Steel

Degrease according to SSPC SP1 solvent cleaning. Remove all weld spatter, grind weld seams and sharp edges. Dry abrasive blast to a minimum of SSPC SP10 (Sa 2.5). Blast to achieve a 25-50 micron anchor profile.

For applications where blast cleaning is impractical or impossible, degrease according to SSPC SP1 solvent cleaning. Power tool clean to SSPC SP3 or hand tool clean to SSPC SP2. Recommended single pack primer is Resene Armourcote 210 (see [Data Sheet RA35](#)).

Residues and dust from old paint systems containing lead or chromate may be dangerous to the health of the operator and the environment. Ensure approved procedures are put in place to safeguard against this.

Application

Mixing

Stir contents with an explosion-proof mixer until uniformly blended.

Thinning

For conventional air atomising spray application, judicious thinning with up to 10% Resene Thinner No.5 may be required to achieve workability.

Application - conventional spray

De Vilbiss JGA gun with an 'E' fluid tip and needle and a 765 air cap. Ensure moisture traps are installed at air inlets to the spray pot to avoid moisture contamination of the coating. Apply the coating in heavy wet passes overlapping each pass 50%.

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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