

# 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

<b>Vehicle type</b>	Oil modified polyester
<b>Pigmentation</b>	Titanium dioxide
<b>Solvent</b>	Aromatic
<b>Finish</b>	High gloss
<b>Colour</b>	White, selected BS2660, BS5252 and Resene Total Colour System
<b>Dry time (minimum)</b>	Tack free: 30 minutes Dry to handle: 2-3 hours
<b>Theoretical coverage</b>	12 sq. metres per litre at 38 microns DFT
<b>Recommended DFT</b>	38 microns at 12 sq. metres/litre
<b>Usual no. of coats</b>	1-2
<b>Abrasion resistance</b>	Good
<b>Chemical resistance</b>	Acid – good; alkali - poor
<b>Heat resistance</b>	Up to 100°C (dry)
<b>Solvent resistance</b>	Good (cured film)
<b>Durability</b>	Good
<b>Thinning and clean up</b>	Resene Thinner No.5
<b>Pack size</b>	4 and 20 litre

## Physical properties

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## 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 hardness, 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.

# Armourcote 608 fast dry spraying enamel

## 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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