

Resene Armourcote 210

modified alkyd
high build primer

Resene Armourcote 210 is a single-pack, high-build inhibitive primer for general industrial and non-immersion marine use.

Typical uses

- Aluminium
- Repaints
- Structural steel

Vehicle type	Modified alkyd
Pigmentation	Inhibitive
Solvent	Aromatic/ester
Finish	Low sheen
Colour	Red oxide, grey
Dry time (minimum)	Touch dry: 20 minutes at 21°C Hard dry: 6 hours at 21°C
Recoat time	Minimum: 24 hours Maximum: 1 month (epoxies, alkyds, vinyls and acrylics); 1 week (two pack polyurethanes) Recoat times are for recoating at 21°C. Recoat times will be shorter at higher temperatures.
Theoretical coverage	Dependent upon exposure (see Limitations) 12 sq. metres per litre (50 microns DFT) 8 sq. metres per litre (75 microns DFT)
Volume solids	60%
Recommended DFT	50-75 microns per coat
Usual no. of coats	1 (wet on wet)
Abrasion resistance	Good
Chemical resistance	Excellent when suitably topcoated
Heat resistance	Up to 90°C (dry, continuous)
Solvent resistance	Excellent when suitably topcoated
Durability	Good
Thinning and clean up	Resene Thinner No.6

Physical properties

Performance

Performance and limitations

1. Chromate free.
2. Single pack convenience.
3. High build capability.
4. May be top coated with alkyds and acrylics. To avoid adhesion issues early top coating is recommended.
5. Fast drying with early topcoating potential.

Limitations

1. When applying over an existing coating a test patch should be carried out to check adhesion to, and compatibility with, the existing coating.
2. Spray application of topcoats is recommended for early topcoating.
3. Not designed for long-term exterior exposure without topcoating. Consult manufacturer for advice when recoating beyond six months exterior exposure.
4. Not recommended for total immersion service.
5. Adhesion of alkyd finishes may vary according to topcoat formulation. Establish adhesion properties of the system by application of a test area.

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Surface preparation

Coating performance is, in general, proportional to the degree of surface preparation. A structure located in a highly corrosive environment (Category C3 Medium, C4 High or C5 Very High based on ISO 9223) will always require the highest possible level of surface preparation to maximise the corrosion protection of the applied paint system.

Steel - new

Degrease with Resene Emulsifiable Solvent Cleaner (see [Data Sheet D804](#)) according to SSPC-SP1 solvent cleaning, Water blast to remove salts from the surface. Remove all weld spatter and radius sharp edges. Blast clean in accordance with any of the following standards SSPC SP10/Sa 2.5/AS 1627.4 Class 2.5 minimum. Blast to achieve a 25-50 micron anchor profile. If profile is greater, additional film thickness will be needed. Remove abrasive residue and dust from surface.

While abrasive blast cleaning must always remain the preferred method of surface preparation, Resene Armourcote 210 will tolerate hand or power tool cleaning to SSPC-SP2/AS1627.7 or SSPC-SP3/AS 1627.2.

Aluminium

Remove oil and grease by scrubbing down with Resene Roof and Metal Wash (see [Data Sheet D88](#)) or Resene Emulsifiable Solvent Cleaner (see [Data Sheet D804](#)).

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 material thoroughly with an air or explosion-proof mixer until uniformly blended.

Thinning

Will vary with application method, thin with no more than 5% Resene Thinner No.6 for workability.

Application

- **Airless spray** - Graco industrial equipment with a 30:1 or higher pump ratio and a 17 thou fluid tip. Thinning is not normally required for airless spray application.
- **Conventional spray** - Industrial equipment such as De Vilbiss MBC or JGA spray gun. Separate air and fluid pressure regulators and a moisture and oil trap in the main air supply line are recommended. Check wet film thickness during application to ensure target dry film thickness will be achieved. Double coat all welds, rough spots, sharp edges, corners, rivets and bolts, etc. Random pinholes, holidays, bubbles and small damaged areas can be touched up by brush when film is touch dry.

Small areas can be touched up by brush but the high level of thinning required for brush application reduces desirable high build properties.

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.



Armourcote 210
SDS

Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. View Data Sheets online at www.resene.com/datasheets. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

In Australia
PO Box 924, Beenleigh, Qld 4207
Call 1800 738 383, visit www.resene.com.au
or email advice@resene.com.au

Resene
the paint the professionals use

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