

Always use correct Personal Protective Equipment

ARMOURCOTE 905 PRIMER

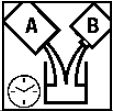
Description

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Armourcote 905 Primer is a 1-Pack waterborne light anti-corrosive Primer, designed specifically for the light industrial market and associated industries

- Waterborne Etch primer alternative
- Can be over coated with a variety of products
- Strong film integrity
- Low sag
- Excellent adhesion
- Water clean up
- No solvents/ Dangerous goods issues

Products



PRODUCT "READY FOR USE" RFU

Properties

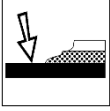


Product Type:	Adhesion promoted styrene acrylic anti-corrosive primer
Colour:	Light Grey
Pot Life:	N/A – Approx 2 years shelf life
Induction Time:	N/A
Application equipment:	Brush, Roller or Spray
Recommended DFT:	25 – 30 µm
Recommended WFT:	80-100 µm
Theoretical Coverage:	10 m ² / L (This is only a guide due to the varying methods of application equipment)
Volume Solids:	21%
Recoat-ability:	1 hour, subject to Ideal application conditions (minimum 10°C 75% humidity).
VOC:	41 g/L
Durability:	Adequate
UV resistance:	Not intended for long term exposure externally without top coat
Gloss Level:	Flat
Max recoat:	3 months
Sand ability:	Good
Levelling:	Excellent
Vertical Holdup:	Excellent

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Substrates



can be applied over correctly prepared:

- Steel
- Aluminium
- Sanded cured substrates.
- Sanded cured 2K substrates
- Wood – Ask Technical Representative for relevant information on application

Surface Preparation



Clean thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and mould. Scuff any repairs then apply primer direct to bare metal areas and all pre-painted surfaces.

Coating performance is in general, proportional to the degree of surface preparation. Surfaces to be painted must be clean, dry and free from all traces of contamination and corrosion.

Metal:

Best practise, blast to 2.5 white metal prior to painting.

Spray Equipment:



Airless Spray Gun Graco 495 or similar
Tip Size: 9-13 thou
Spray Pressure: 110 to 135psi



Air Assisted Airless Graco or similar
Tip Size: 9-13 thou
Spray Pressure: 45 to 55psi



Conventional Spray
Tip Size: 1.5-2.0 Setup
Spray Pressure: 45-55 Psi

Note:

- 1) *When spraying, use the correct gun set up as recommended by your equipment supplier.*
- 2) *Application techniques should be adjusted as necessary to achieve the recommended dry film thickness. It is good practice to check this process on a small sample prior taking on a large project.*
- 3) *If you do not have a controlled environment with good air flow to spray in, it is good practice NOT to continue if relative humidity is above 65% and in particular if temperatures are below 10°C or below 3°C of Dew Point.*
- 4) **All spray setups are recommended starting points and may need adjustments to suit the equipment and conditions.**

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Directions For Use



Mixing:	Stir thoroughly, mixing from the bottom of the pail towards the top.
Thinning:	Thinning should not normally be required and should only be done, after consultation with the supplier tech rep
Dry Time:	Touch dry – 30 minutes / Handling – 1 hour @ 20°C
No. of Coats:	1
Clean up:	Clean up in water

***Best Practise: use fans and heaters to achieve minimum air temperature of 15°C, and airflow equivalent to 10km/hr across the surface of the substrate.**

Drying and curing of waterborne coatings:

- 1) *Ensure air temperature is at least 10degs C and rising at time of application*
- 2) *Ensure humidity is less than 65% rH and falling*
- 3) *Ensure no precipitation is forecast if outside for 4 hours after completion of application*
- 4) *Ideal environmental conditions are 15-25degs C with a breeze of approximately 10km/h, and rH of less than 65%.*
- 5) *Direct hot sunlight can cause skinning of the painted surface, so protect if possible in these conditions.*

Health & Safety



ALWAYS READ THE SAFETY DATY SHEET (SDS) PRIOR TO USE.
Observe the precautionary notices displayed on the container.

Transport & Storage



Sizes:	10L
Dangerous Goods: UN:	N/A
Hazchem:	N/A
Packing Group:	N/A
Shipment name:	N/A
Flash point:	N/A

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