

AquaLAQ COLOUR COAT



DESCRIPTION

AquaLAQ Colour Coat is a single pack waterborne acrylic, using the latest waterborne technology. Whilst easy to use and fast drying, AquaLAQ dries to an extremely durable finish and has been designed specifically for kitchens, shop fittings and other types of furniture finishing. AquaLAQ is very easy to touch up when necessary with excellent sandability. Colour comes in standard satin finish & other gloss levels available with application of clear top coat. AquaLAQ 2K Hardener can be used with AquaLAQ Colour Coat to increase cross linking speed.

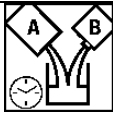
Key benefits

- Excellent UV resistance
- No solvents and no explosion/fire risk
- Low to no odour
- Low VOC
- Extremely fast drying
- Applied with standard industry spray equipment
- One to two coat coverage for most colours



Resene. Licensed products since 1996

Water Based Paint
ESTD 1962



MIXING

PRODUCT "READY FOR USE" RFU, can be used with AquaLAQ 2K Hardener at a rate of up to 3%.



PROPERTIES

Product Type:	Waterborne Acrylic
Colour:	Full Colour Range
Pot Life:	N/A- approx. 2 years shelf life
Induction Time:	N/A
Application equipment:	Pressure pot, suction, gravity or airless.
Recommended DFT:	30um. 20-25 micron
Recommended WFT:	80-100um
Theoretical Coverage:	10-12 sqm per litre
Volume Solids:	36.0%
Recoat-ability:	Approximately 5- 10 minutes, subject to ideal conditions (Info available from Resene tech rep)
VOC:	46.6- 55.3grm per litre (dependant on colour)
Durability:	Extremely good
UV resistance:	Excellent
Gloss Level:	Satin
Levelling:	Excellent
Vertical Holdup:	Excellent



APPLICATION

Substrates

Can be applied over correctly prepared and sealed:

- MDF board
- Wood substrates
- Most plastics and laminates
- Hardwoods
- Veneers

Surface Preparation

All substrates should be sealed with AquaLAQ Quick Dry Sealer or AquaLAQ NGR.
Sanded with 320-500 grit to a smooth finish and cleaned thoroughly with a tack rag.
(AQUALAQ SHOULD ONLY BE DRY SANDED)

Spray Equipment

Airless Spray Gun - Graco 395 or similar 3200 PSI, 3 Litres/min

Tip Size:	Graco FFLP 410/412
Spray pressure:	1100 psi

Pressure Pot

Tip Size:	1.2
Spray pressure:	2Bar

Air Assisted Airless

Tip Size:	10-13 thou
Spray Pressure:	2Bar

Conventional Spray

Tip Size:	1.3-1.4
Spray Pressure:	2Bar

Note: All spray setups are recommended starting points and may need adjustments to suit the equipment and conditions.

CAUTION: Prior to using AquaLAQ in air or air assisted pumps, we recommend that the pump and spray equipment is stripped and cleaned to remove any contamination from solvent based paints. This includes replacing the lube with a water based product such as Binks Water based lube, which is available from Resene Automotive and Light Industrial.



DIRECTIONS FOR USE

Ensure paint is at room temperature or a minimum of 15 degrees C prior to application

Mixing: Stir thoroughly, mixing from the bottom of the pail towards the top. If Hardener is used mix at up to 3% addition rate, and hand stir for 3 minutes for volumes of 1 litre or less. Use a paddle type mixer for larger quantities. Use all mixed product within 3 hours of mixing.

Thinning: Resene Hot Weather Additive can be used up to 2% (20ml/litre) to improve flow and slow drying, when approved by Resene. Do not add Hot weather Additive if hardener has been used.

Filtering: Filter through a standard 190micron filter.

Application Method: Apply a $\frac{3}{4}$ coat, wait to flash off as gloss level reduces, then apply a full wet coat at 80-100 microns WFT.
Flash off time in ideal conditions would be 5-10 minutes.

Dry Time: Touch dry 10-20 minutes subject to ideal conditions. Minimum 20degrees, less than 70% humidity, with good airflow.

No. of Coats: 2 Coats (may need a extra coat for coarse products)

DRYING/CURING

Best Practice:

- Once substrates have been painted, move them well away from paint application area immediately, to reduce overspray issues related to dry spray which is generated easily with waterborne coatings.
- Once the coating is touch dry, (move into a drying room if available) Further hardness develops over the next 2 to 3 days with a small increase at up to 28 days. Lower temperatures will slow down cure speed while higher temperatures will increase cure speed .
- The use of AquaLAQ 2K Hardener will speed up cure and hardness development by approximately 24 hours.

Drying conditions:

- 24 degs C, rH of less than 70% and good airflow across the surface of the product is considered ideal.
- Direct heat & 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.

PPE:

Always wear a suitable spray suit, respirator and eye protection when spray painting. Whilst AquaLAQ is a low VOC waterbased product, with minimal risks please consult the SDS for full

information on health and safety related to this product. AquaLAQ 2K hardener is a flammable liquid so care must be exercised in storage and use.

Disposal:

AquaLAQ and its packaging can be returned to any Paint Wise Resene shop throughout NZ for safe disposal and recycling.

Waste paint and wash water can be easily treated to removed solids and left over water is safe for use on gardens or disposed as waste water as normal

Transport & Storage

Sizes:	2L, 4L, 10L* *For certain bases only
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Dangerous Goods

UN:	N/A
Hazchem:	N/A
Packing Group:	N/A

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