

AquaLAQ CLEAR COAT



DESCRIPTION

AquaLAQ Clear Coat is a single pack waterborne acrylic, using the latest water borne technology. While 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.

AquaLAQ Clear Coat is available in gloss, satin, matte and anti-fingerprint soft touch finish.

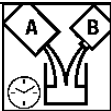
AquaLAQ Soft Touch Clear provides a unique soft feel finish that is highly resistant to unsightly fingerprints and other marks. The even matte appearance and excellent scratch resistance makes it a popular choice for kitchen cupboard doors etc.

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



Resene. Licensed products since 1996



MIXING

PRODUCT "READY FOR USE" RFU



PROPERTIES

Product Type:	Waterborne Acrylic
Colour:	Clear
Pot Life:	N/A- approx. 2 years shelf life
Induction Time:	N/A
Application equipment:	Pressure pot, suction, gravity or airless.
Recommended DFT:	30um
Recommended WFT:	100um
Theoretical Coverage:	8- 10 sqm per litre
Volume Solids:	Soft touch Satin 36.8% , Soft touch Matte 38.6 %
Recoat-ability:	Approximately 5- 10 minutes, subject to ideal conditions (Info available from Resene tech rep)
VOC: (gloss)	29.0grm per litre
VOC: (satin)	35.0grm per litre

VOC: (matte)	34.4grm per litre
Durability:	Extremely good
UV resistance:	Excellent
Gloss Level:	Available in varied gloss levels
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.

Sanded with 400-500 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.
Thinning:	Resene Hot Weather Additive can be used up to 2% (20ml/litre) to improve flow and slow drying, when approved by Resene.
Filtering:	Filter through a standard 190-micron filter.
Application Method:	Apply a $\frac{3}{4}$ coat, wait to flash off as gloss level reduces, then apply a full wet coat at 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 an 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 28 days. Lower temperatures will slow down the cure speed while higher temperatures will increase cure speed.

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

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:	1L, 4L, 10L
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Dangerous Goods

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

No warranty either expressed or implied is made by RALI in this document, which is a technical data information sheet. The description of the product and its properties is for the sole purpose of identifying the product and does not constitute a warranty that the product or its properties shall conform to that description, nor is the description of the product and its properties a warranty by RALI that the goods are suitable for a particular purpose. Do not apply paint if relative humidity is above 85% or temperature is within 3 deg C of Dew Point being the MPT or Minimum Paint Temperature