

AquaLAQ QUICK DRY SEALER



DESCRIPTION

AquaLAQ quick dry sealer is a single pack waterborne acrylic, using the latest waterborne technology. It is very fast drying and has been specifically formulated to minimise grain raising on MDF board. The rheology of AquaLAQ quick dry sealer, allows this product to be very user friendly, and fast to prepare and paint timber panels to achieve very high quality furniture finishes.

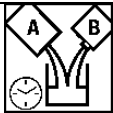
Key benefits

- Water based
- No solvents
- Low to no odour
- Low VOC
- Extremely fast drying
- Minimal grain raising on most MDF
- Applied with standard industry spray equipment
- One to two coat coverage
- Designed for MDF and other timbers
- Available in clear and white



Resene. Licensed products since 1996

Water Based Paints
Established 1996



MIXING

PRODUCT "READY FOR USE" RFU



PROPERTIES

Product Type:	Waterborne Acrylic
Colour:	Available in Clear and White
Pot Life:	N/A- approx. 2 years shelf life
Induction Time:	N/A
Application equipment:	Pressure pot, suction, gravity or air assisted airless.
Recommended DFT/Coat:	40um
Recommended WFT/Coat:	80 - 100um
Theoretical Coverage:	10 - 12 sqm per litre
Volume Solids: (clear)	35%
Volume Solids: (white)	39%
Recoat-ability (self)	20 minutes, subject to drying conditions
Recoat-ability (Topcoat)	Normally overnight

VOC: (clear)	28.1gsm per litre
VOC: (white)	22.4gsm per litre
Durability:	Extremely good
UV resistance:	Excellent
Gloss Level:	N/A
Levelling:	Excellent



APPLICATION

Substrates

Can be applied over correctly prepared:

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

Surface Preparation

Wood substrates:

Sand surface smooth using 240-320 grit abrasive.

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and all other contaminants. Be very careful of mould release agents and silicones & oils as these will cause issues on application of AquaLAQ Quick Dry Sealer.

Polyurethane/Acid Cat:

Clean down thoroughly to remove all grease, oil and all other contaminants. Thoroughly sand panels with 180-240grit sandpaper, remove dust and apply 1 full coat of White or Clear Sealer allow to flash off then apply another full coat of White or Clear Sealer, let the sealer dry then sand with 320-500 grit sandpaper (dry sand) remove dust then topcoat.

If substrate has been previously sealed with AquaLAQ Quick Dry Sealer and not top coated within 72 hours, then the substrate should be sanded, and another light coat of AquaLAQ Quick Dry Sealer applied.

(AQUALAQ SHOULD ONLY BE DRY SANDED)

Spray Equipment

Airless Spray Gun

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

Pressure Pot Gun

Tip Size:	1.2-1.4
Spray Pressure:	2Bar

Air Assisted Airless

Tip Size:	9-13 thou
Spray Pressure:	2Bar

Gravity & Suction Fed Gun

Tip Size:	1.6-1.8
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:	Ideally power mix or shake for 3-5 minutes.
Thinning:	Do not thin without getting advice from Resene.
Filtering:	It is good practice to filter all products prior to application for highest quality results. However, the unique rheology of AquaLAQ Quick Dry Sealer will only allow filtering through a standard 190micron filter once the product has either been high speed mixed, or shaken for 3-5 mins on a can shaker.
Application Method:	Apply a ½ coat to lightly cover the complete substrate at approx. 20sq meters per litre or approx. 50-micron WFT. Wait 20 minutes and then apply 1-2 full, wet on wet coats applied in a cross hatch process at 10-12 sq. meters/L (80-100um WFT per coat)
Dry Time:	Touch dry 10-20 minutes subject to ideal conditions. Minimum 20degrees, less than 70% humidity, with good airflow.
No. of Coats:	One to two coats.

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 for 8-12 hours (overnight is ideal) to ensure the coating has fully cured.

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 water based 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 remove solids and left over water is safe for use on gardens or disposed as wastewater as normal.

Transport & Storage

Sizes:	4L, 10L
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Dangerous Goods

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

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