

Resene Aquaclear Urethane Acrylic Varnish

Resene Aquaclear has been developed as a waterborne alternative to turps thinned oil modified urethanes. Where maximum abrasion resistance is required (e.g. high traffic floors), a moisture-cured urethane such as Resene Polythane (Data Sheet D53) is recommended.

Interior

Typical Uses

- Cork
- Desks
- Doors
- Furniture
- Panelling
- Parquet
- Particle and Fibreboard
- Skirtings
- Solid Timber
- Veneers

Vehicle Type	Urethane/Acrylic
Pigmentation	Flatting Agents
Solvent	Water
Finish	Satin, Semi-Gloss, Gloss
Colour	Turbid - Dries Clear
Dry Time	30 minutes at 18°C
Recoat	2 hours. Full cure: 72 hours
Theoretical Coverage	About 12 sq. metres per litre
Dry Film Thickness	23 microns at 12 sq. metres/litre
Usual No. of Coats	4
Abrasion Resistance	Fair
Heat Resistance	Thermoplastic
Solvent Resistance	Good
Toxicity	No added lead or chromate
Durability	Good
Thinning & Clean Up	Water
Pack Size	500ml, 1 and 4 litre
VOC	95 grams per litre

Physical Properties

Performance

Performance & Limitations

1. Low odour application and drying.
2. Water wash up.
3. Easy recoating.
4. An Environmental Choice approved product.

Limitations

1. Do not apply at temperatures below 10°C, or when it is liable to drop below 10°C during the drying period.
2. Dries very quickly at high temperatures and low humidity. Maintain a wet edge.
3. Not recommended for high abrasion areas.
4. Allow 72 hours for coating to reach full cure.

Aquaclear Acrylic Urethane Varnish

Surface Preparation

New Wood

Thoroughly sand surface. Ensure surface is clean and dry, free from dirt, dust and loose material, oil, grease and mould.

Old Wood Re-Varnish

Prepare as for New Wood. Ensure surface is clean and dry, free from dirt, dust and loose material, oil, grease and mould. Sand to dull finish with fine sandpaper and remove sanding dust. If old varnish is flaking, everything must be removed to ensure a uniform appearance.

Sanding dust from old lead or chromate based paints or old building materials containing asbestos may be injurious to the health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.

Application

Application by speed brush is recommended. Can also be applied by bristle brush and spray. Roller application is not recommended because of the likelihood of excessive foam formation. Apply Resene Aquaclear evenly, avoiding working back over areas that have begun to set as this will lead to a patchy finish.

New Particle and Fibreboard

1. Apply 1 coat of Resene Aquaclear thinned with up to 10% clean water. Allow to dry for 2 hours.
2. Apply 3 coats unthinned of Resene Aquaclear allowing 2 hours between coats. Lightly sand with fine sandpaper between coats.

Timber - New

3. Apply 1 coat of Resene Aquaclear thinned with up to 10% clean water. Allow to dry for 2 hours.
4. Apply 3 coats unthinned of Resene Aquaclear allowing 2 hours between coats. Lightly sand with fine sandpaper between coats.

Timber – Recoat

After preparing surface, apply 3 coats unthinned as for Timber - New.

Precautions

Avoid breathing vapour - use with adequate ventilation.

Information contained in this Data Sheet is re-validated every two years following issue date.

Please ensure current Data Sheet is consulted prior to specification or application of Resene products.

If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

Resene

the paint the professionals use

In New Zealand, PO Box 38242, Wellington Mail Centre,
call 0800 RESENE, visit www.resene.co.nz or email advice@resene.co.nz

In Australia, PO Box 785, Ashmore City, Queensland,
call 1800 738 383, visit www.resene.com.au or email advice@resene.com.au