

Resene Particle Board Sealer

Resene Particle Board Sealer is a unique product designed for use under clear alkyd and polyurethane varnishes. Seals in all fibres and waxes used in the manufacture of particle, fibre, chip and strandboard.

Interior

Typical uses

- Where a solventborne or polyurethane finish is required over particle and chipboard, fibreboard, strandboard and customwood

Vehicle type	Urethane alkyd
Pigmentation	None
Solvent	Water
Finish	Low sheen
Colour	Clear
Dry time	4 hours
Recoat	16 hours
Theoretical coverage	12 sq. metres per litre
Dry film thickness	27 microns at 12 sq. metres per litre
Usual no. of coats	1
Abrasion resistance	Good
Chemical resistance	Fair
Heat resistance	Good
Solvent resistance	Good
Thinning and clean up	Water
VOC	c. 17 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. Seals in the wax often found on the surface of particleboard. Waxes may inhibit the drying of clear alkyd and polyurethane varnishes.
2. May be overcoated with Resene Qristal Clear finishes, Resene Poly-Flat, Resene Poly-Satin and Resene Poly-Gloss (see [Data Sheet D52](#)).
3. May be overcoated with Resene Polythane for a hardwearing floor finish (see [Data Sheet D53](#)).
4. An Environmental Choice approved product.

Limitations

1. Resene Particle Board Sealer must be overcoated.
2. Not recommended for exterior use.
3. The quoted coverage is applicable to smooth surfaced boards. Rough surfaces will demand more product.

Particle Board Sealer

Surface preparation

Sand surface smooth. Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and mould.

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)).

On floors, the surface should be thoroughly vacuumed.

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

Stir thoroughly to incorporate any settlement. Apply by brush, roller or spray. Stain as required with Resene Waterborne Colorwood (see [Data Sheet D50a](#)). Apply one full coat of Resene Particle Board Sealer allowing 16 hours before recoating.

Allow 24 hours if recoating with Resene Polythane (see [Data Sheet D53](#)).

Precautions

1. It is critical that Resene Particle Board Sealer is applied at the recommended rate as low film build will not seal the surface.
2. Unsealed areas will show up as darker patches after the application of the topcoats.
3. Allow 24 hours before recoating with Resene Polythane (see [Data Sheet D53](#)).

*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.*