

Resene Broadwall 3 in 1

surfacer, sealer,
finish coat

Resene Broadwall 3 in 1 is designed for use over stopped and jointed wall systems in place of traditional surfacers and sealers. It equalises surface porosities; smoothes minor surface irregularities; minimises textural differences; and provides a perfect base for subsequent Resene finishes. A key element to achieving a level 5 finish on paperfaced plasterboard.

Suitable for use as a surfacer, sealer and finish coat on ceilings in dry areas.

interior

Typical uses

- Air-dry (polymer based) stoppings and finishing compounds
- Gypsum based stoppings and finishing compounds
- Paperfaced plasterboard
- Timber, reconstituted timber products

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.

Vehicle type	Acrylic high polymer combination
Pigmentation	Inorganic pigments and extenders
Solvent	Water
Finish	Flat
Colour	White when dry
Dry time (minimum)	4 hours
Recoat time (minimum)	4 hours
Theoretical coverage	As a sealer: 1 coat at 7 sq. metres per litre As a ceiling finish: 1 coat at 7 sq. metres per litre, allow to dry 1-2 hours then apply a second coat at 5 sq. metres per litre As a wall surfacer: 1 coat at 2.5 sq. metres per litre
Dry film thickness	As a sealer: 64 microns at 7 sq. metres per litre (thinned) As a ceiling finish: 170 microns As a wall surfacer: 200 microns at 2.5 sq. metres per litre (unthinned)
Usual no. of coats	1-2
Abrasion resistance	Fair (good when overcoated)
Chemical resistance	Fair (good when overcoated)
Heat resistance	Good
Solvent resistance	Fair
Durability	Satisfactory, excellent when overcoated
Thinning and clean up	Water
VOC	1.7 grams per litre (see Resene VOC Summary)

Physical properties

Dry film thickness

Usual no. of coats

Abrasion resistance

Chemical resistance

Heat resistance

Solvent resistance

Durability

Thinning and clean up

VOC

Performance and limitations

Performance

1. Good adhesion to stoppings and finishing compounds.
2. Provides an excellent base for a wide range of Resene coatings.
3. Excellent sanding properties.
4. Replaces surfacer and sealer coats in dry areas.
5. May be tinted to light colours for use as a finish coat on ceilings in dry areas.
6. Easy application with excellent open time.
7. An Environmental Choice approved product.

Limitations

1. Not designed to fill large gaps or cracks (use an appropriate stopping or finishing compound).
2. Not designed to block waterborne stains.
3. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
4. Resene Broadwall 3 in 1 is designed to be overcoated on broadwall areas.
5. Not recommended for exterior use.
6. Must be sealed in wet areas before topcoating.
7. In critical lighting situations imperfections in board installation and stopping may not be totally overcome.



Broadwall 3 in 1 surfacer, sealer, finish coat

Surface preparation

New paperfaced plasterboard

Ensure surface is clean and dry, free from dirt, dust and loose material, oil, grease and mould. Ensure also that the surface is sound and free from weak, powdery, or undercured stoppings. Avoid sanding the paper surface as this will cause 'furring' and unacceptable textural differences in the finish. Where the paper surface has yellowed due to prolonged exposure to sunlight, Resene Sureseal (see [Data Sheet D42](#)) must be used. In wet areas Resene Broadwall 3 in 1 must be sealed with either Resene Sureseal (see [Data Sheet D42](#)) or Resene Waterborne Smooth Surface Sealer (see [Data Sheet D47a](#)).

Ensure new paperfaced plasterboard is prepared to a level of finish suitable for the specified paint finish. Resene Broadwall 3 in 1 or Resene Broadwall Surface Prep & Seal (see [Data Sheet D807](#)) is required to achieve a level 5 finish.

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

Refer to Resene Broadwall Application Guide for full application information. Best results are achieved with airless spray using a unit capable of achieving a flow rate of no less than 3 litres per minute such as a Graco Ultra 795 Mark II. A 527 tip is recommended for application to small areas while a 1525 or larger tip is recommended for application to larger areas (tip sizes are minimum required for application). The use of 30 mesh gun and in line filters is recommended with a 3/8 hose from the spray unit. Power leads for unit operation must not exceed 20 metres.

Thinning

- Sealer: One coat application, thin 10% by volume with Resene Hot Weather Additive.
- Surfacer: May be applied unthinned, however if thinning is required the addition of thinner will reduce the ability to achieve maximum dry film build of the product in a single application.

Not recommended for brush or roller application. If brush or roller application is required, use Resene Broadwall Surface Prep & Seal (see [Data Sheet D807](#)).

Allow to dry before sanding. Sanding is necessary following application as a sealer. Finish with a thorough wipe with a damp sponge to remove dust.

Precautions

1. Reinforce Resene Broadwall 3 in 1 with a full coat of Resene Sureseal (see [Data Sheet D42](#)) or Resene Waterborne Smooth Surface Sealer (see [Data Sheet D47a](#)) in service areas, such as kitchens, bathrooms and wet areas.
2. Cold, damp conditions will retard drying.
3. Resene Broadwall 3 in 1 is designed to sand easily producing a fine, free-falling dust. Although the material is only classified as a 'nuisance dust', the breathing of it should be avoided and a well-fitting dust mask used.

Resene Broadwall 3 in 1 is a high build product that may be applied at high film thicknesses, releasing large volumes of moisture into the air. Maintain good ventilation throughout the drying and curing period to ensure the coating is properly cured. Poor ventilation may inhibit curing and performance.

Please ensure the 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.