

Resene Squash Court Coating

Resene Squash Court Coating is a two pack waterborne epoxy especially developed for coating squash court walls.

interior

Typical uses

- Concrete/plaster walls

Vehicle type	Two component epoxy
Hardener	Epoxy resin
Pigmentation	Titanium dioxide/extenders
Solvent	Water
Finish	Matt
Colour	White (similar to BS2660-4046), limited range of pastel colours
Mix ratio	2 parts base to 1 part hardener
Pot life	3 hours at 20°C
Theoretical Coverage	11 sq. metres per litre (45 microns DFT)
Dry time (minimum)	Touch: 1½ hours at 20°C (RH less than 85%) Hard dry: 3 hours at 20°C (RH less than 85%)
Recoat time (minimum)	24 hours at 20°C (RH less than 85%)
Primer required	No
Recommended DFT	90 microns
Usual no. of coats	2 (brush/roller), 1 Airless spray
Abrasion resistance	Excellent
Thinning and clean up	Water
Pack Size	6 litre composite
VOC	44 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. High surface hardness with excellent resistance to abrasion.
2. Displays unsurpassed adhesion to appropriately prepared surface.
3. Excellent resistance to chemical solvents and water. Marked walls may be cleaned down with Resene Graffiti Cleaner (see [Data Sheet RA101](#)).
4. Waterborne formulation overcomes problems associated with use of solventborne products in areas of restricted ventilation.
5. Formulated for brush, roller or airless spray application.
6. Tolerant of application over damp surfaces.
7. Airless spray application is recommended when a smooth finish is required.

Limitations

1. Application not recommended at temperatures below 10°C or above a R.H. of 85% as cure time is considerably slowed.
2. Allow system to cure for a minimum of 48 hours before court is recommissioned. At lower temperatures this interval may need extending to avoid damaging coatings. Full cure will take up to five days.

Squash Court Coating

Surface preparation

New surface

Cementitious surfaces must be clean and free from release agents, oil, grease and laitance.

Fill holes and surface cracks on solid plaster or concrete with Resene Epox-O-Bond (see [Data Sheet D808](#)). Seal powdery concrete or gypsum based plasters used for filling and/or fairing with Resene Sureseal (see [Data Sheet D42](#)).

Repaint

Resene Squash Court Coating should only be applied over suitably prepared old Resene Squash Court Coating or similar generic product in a sound condition. If this is not the case, complete removal of the existing coating is required.

Wash with Resene Graffiti Cleaner (see [Data Sheet RA101](#)).

Thoroughly scrape and sand to remove all loose and flaking paint and to provide a mechanical key for subsequent coats. Sand areas of flaking paint to a feathered edge. Seal powdery concrete or gypsum based material used for filling and/or fairing with Resene Sureseal (see [Data Sheet D42](#)). Fill cracks and holes on solid plaster or concrete with Resene Epox-O-Bond (see [Data Sheet D808](#)).

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

Apply by brush, roller (Resene No.10 Waterborne Flooring Clears roller sleeve) or airless spray (contact manufacturer for spray setup and tip recommendations).

When spraying do not exceed a wet film thickness of 200 microns per coat, wet film thicknesses in excess of this will sag or run.

Airless spray application is recommended where a smooth finish is required.

Mixing

Resene Squash Court Coating is supplied as a 6 litre unit that will require a separate mixing container if a full unit is to be used. Thoroughly stir contents of both base and hardener prior to mixing. Mix two parts of Resene Squash Court Coating base with one part of Resene Aquapoxy hardener and mix these thoroughly either by hand or power tool until homogeneous. Mix only the quantity that can be applied during the stated pot life. If mixing less than a full unit, use accurate measuring devices to ensure correct mix ratios are achieved.

Two unit packs of mixed material will provide sufficient product to apply one coat to the squash court playing area.

Ensure courts are well ventilated post application, forced air ventilation or extraction systems may be required.

Precautions

1. Consult Safety Data Sheet and read can label for this product prior to use. Users should ensure that they are familiar with all aspects concerning the safe use of this product. **IF IN DOUBT DO NOT USE THIS PRODUCT.**
2. Resene Squash Court Coating presents no danger from inflammable solvents. Epoxies and polyaminoamides have been known to cause dermatitis and precautions against skin contact should be taken.
3. If eyes become contaminated flush with water for a minimum of 15 minutes. **SEEK MEDICAL AID.**
4. Marked walls can be cleaned down with Resene Graffiti Cleaner (see [Data Sheet RA101](#)).
5. After cleaning, courts should not be recommissioned before 24 hours to allow the coating to re-harden.

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.