

Resene Sports Court Coating

exterior/interior – waterborne

Technical Data Sheet D303 1-25

This data sheet replaces
all previous issues

Resene Sports Court Coating is a waterborne coating filled with graded silicas designed for concrete and composite courts to give a durable, tough topping with excellent traction and even bounce properties. Use it for courts for sports such as tennis, basketball, netball, pickleball, indoor cricket and general leisure and play spaces inside and out.

Typical uses

Sports court, play areas and foot trafficable areas made of:

- Bitumen
- Concrete

Performance

1. Easy to apply.
2. High film build.
3. Excellent durability.
4. Excellent traction properties.
5. Apply Resene Deep Clean (see [Data Sheet D815](#)) at the start of spring and autumn to control mould, algal and lichen growth.
6. Use Resene Lumbersider Low Sheen (see [Data Sheet D34](#)) for court line marking.
7. An [Eco 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. Surface temperature must be at least 3°C above dew point to prevent condensation.
2. Requires conscientious surface preparation.
3. Repaints require the existing coating to have good integrity and adhesion. Only apply Resene Sports Court Coating over old Resene Tennis Court Coating, old Resene Sports Court Coating or similar products in sound condition, otherwise strip existing coatings back to bare substrate.
4. Specialist spray equipment is required for spray application.

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In Australia
www.resene.com.au
Call 1800 738 383
or email advice@resene.com.au

Resene
the paint the professionals use

In New Zealand
www.resene.co.nz
Call 0800 RESENE (737 363)
or email advice@resene.co.nz

Physical properties

Vehicle type	100% acrylic
Pigmentation	Inorganic pigments and gap graded silicas
Solvent	Water
Finish	Rough texture
Colour	Selected Resene Sports Court Coating colour palette or other colours tinted off White or Ultra Deep tone
Abrasion resistance	Excellent
Chemical resistance	Good
Heat resistance	Thermoplastic
Solvent resistance	Not resistant to petrol/diesel
Durability	Excellent

Surface preparation

Bare bitumen

Clean surface using Resene Heavy Duty Paint Prep & Oil Remover (see [Data Sheet D816](#)). Machine scrubbing will enhance removal of dirt and contaminants. Rinse clean with water and allow to thoroughly dry.

Bare concrete

Clean surface using Resene Paint Prep and Housewash (see [Data Sheet D812](#)). Rinse clean with water and allow to dry until free of excess surface water. Check using the water splash test for the presence of a curing membrane. Water splashed onto the concrete should immediately darken the surface and be absorbed. If the water is not immediately absorbed and the wet concrete does not darken then this indicates the presence of a curing membrane.

If a curing membrane is present, diamond grind to remove the existing curing membrane and to achieve a uniform surface profile resembling 180 grit sandpaper. Ensure all grinding dust is removed. This may require wet mopping.

Acid etch the damp surface with either hydrochloric acid diluted with 6 parts by volume of water or phosphoric acid diluted with 10 parts by volume of water. Consult the manufacturer for details on acid etching. Rinse with water until neutral or slightly alkaline to litmus. Allow to thoroughly dry. Alternatively, diamond grind to achieve a dust free profile resembling 180 grit sandpaper.

Repaints

Clean surface using Resene Paint Prep and Housewash (see [Data Sheet D812](#)). Rinse clean with water and allow to thoroughly dry.

Only apply Resene Sports Court Coating over old Resene Tennis Court Coating, old Resene Sports Court Coating or similar products in a sound condition, otherwise strip existing coatings back to bare substrate.

*All sanding dusts can be harmful. Always wear appropriate protection.
Seek expert advice if working with lead, chromate or asbestos based materials or surfaces.*

Priming

Primer required	Yes, dependent on surface.
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Prime:

Bare bitumen

Apply one full coat of Resene Membrane Primer (see [Data Sheet D49](#)).

Repaints - Painted bitumen

Prepare surface as per above schedule and spot prime any bare concrete areas with Resene Membrane Primer (see [Data Sheet D49](#)).

Repaints - Painted concrete

Prepare surface as per above schedule and spot prime any bare concrete areas with Resene Concrete Primer (see [Data Sheet D405](#)).

Application

Apply by	Brush (for cutting in), high solids roller, rubber blade squeegee or spray (specialist spray equipment is required).
Typical coverage	Roller: First coat 2-6 square metres per litre, second coat 4-6 square metres per litre Squeegee: 3-4 square metres per litre
Dry film thickness	165 microns (2 coats rolled, 1 squeegee)
Dry time (minimum)	1 hour at 20°C, allow at least 24 hours before using courts
Recoat time (minimum)	3 hours at 20°C
Usual no. of coats	2
Thinning	Water
Clean up	Water

Bare surface

Prepare surface as per above schedule. Apply two full coats of Resene Sports Court Coating allowing dry time between coats.

Repaints

1. Prepare surface and spot prime any bare areas as per above schedule.
2. Apply two full coats of Resene Sports Court Coating allowing dry time between coats.

Precautions

Read the current Product Data Sheet and Safety Data Sheet before specifying or using Resene products. Resene Product Data Sheets are updated from time to time. This Product Data Sheet is provided as a guide for this product and may differ from the most recent version. Please discuss your project with your Resene Technical Representative, local Resene ColorShop team or reseller to ensure you have the right products to give you the best quality finish for your specific project.

Ingredients

Ultra Deep tone: Water, Minerals (Limestone, Feldspar, Talc and Silica), Resin (APEO free and Formaldehyde free), Cellulose, Mineral Oil, Alcohol, Soap, Preservatives < 0.1%, Non-toxic Trace Ingredients < 0.1%.

White tone: Water, Minerals (Limestone, Feldspar, Titania, Talc and Silica), Resin (APEO free and Formaldehyde free), Cellulose, Mineral Oil, Alcohol, Soap, Preservatives < 0.1%, Non-toxic Trace Ingredients < 0.1%.

Safety Data Sheet (SDS)

Read the Safety Data Sheet before use, scan the QR code or visit www.resene.com/datasheets.



Sports Court
Coating SDS