
PRODUCT DESCRIPTION

Water based pure acrylic emulsion polymer coating containing fine grade silica sand for coating tennis courts.

INTENDED USES

A high quality, acrylic water based Tennis Court Paint designed for application onto Tennis Court substrates offering a UV stable & slip resistant finish with minimal dirt pick up

CHARACTERISTICS

- Easy to use
 - Excellent durability
 - Versatile coating with excellent adhesion to suitably prepared surfaces
 - Fade resistant colours
 - Application by brush, roller or airless spray - can be over coated within an hour
 - Colours will not fade due to sunlight or effects from alkaline surfaces
 - Excellent resistance to efflorescence
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PRODUCT INFORMATION

Colour	Various Selected Colours, Consult Speccoats™
Finish	Low Sheen, non-slip
Density	1.25 kg
Volume Solids	33%
Mass Solids	50%
Typical Film Thickness	35-40 microns DFT (106-152 WFT)
Theoretical Coverage	▪ 9.4 m ² /litre at 35 microns dft allow loss factors
Method of Application	Brush, Roller or Spray
Temperature Resistance	Dry continuous – 80°C
Number of Coats	2 or as required to ensure good coverage
Flash Point	Non-flammable
Viscosity	+/- 95 KU

DECORATIVE

Drying Information	0°C	5°C	15°C	25°C	40°C	45°C
Touch Dry	-	-	-	30 min.	-	-
Hard Dry	-	-	-	4 hrs.	-	-
Full Cure	-					

Overcoating Data – See Limitations

Substrate Temp.	0°C	5°C	15°C	25°C	40°C	45°C
Minimum	-	-	-	4 hrs.	-	-
Maximum	Extended*					

Note

*See Speccoats™ Definitions and Abbreviations

*a curing temperature below 10°C is not recommended, adequate ventilation should be maintained during application and curing. The figures quoted above have been determined at the quoted temperature and 50% RH. If overcoat limit is reached the coating must be lightly abraded prior to re-coating.

CERTIFICATIONS

Consult Speccoats™ Technical Representative for details

SYSTEMS AND COMPATIBILITY

Consult Speccoats™ Technical Representative for coating system solutions.

TINT BASES

The tint base containers are short filled to levels which are specific for each tint base to allow for a calculated volume of Tinters/colourant to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation

The tint base and the Tinters are not recommended for use by themselves. A finished product is only produced once the prescribed quantities of Tinters have been mixed thoroughly with the tint base

When mixed to a finished product its technical features and product information will comply with the relevant Product Technical Data Sheet

Only Speccoats™ WB Tinters are to be used with Speccoats™ Tint Base

TINTING PROCEDURE

Select the required colour from the RAL, NCS colour cards. Colours from 3rd party suppliers can be matched to the nearest NCS or RAL colour using the X-Rite Colour Scan machine. Once colour has been decided select the relevant recipe and product tint based from the software or formula book provided.

All Speccoats™ Decorative tint bases are in a clear form, though the product may appear milky in its un-mixed form.

The Speccoats™ Tinting system is formulated by mass.

Once Tinters have been added, shake in a mechanical shake for 5 minutes.

Decorative Coatings



SURFACE PREPARATION

The performance of this product will depend upon the degree of surface preparation. The surface to be coated must be clean and free from contamination.

Remove any fungal growth or algae with household bleach (3,5% solution of sodium hypochlorite) thinned 2 parts bleach to 1 part water by volume. Leave on the surface for approximately 1 hour and then scrub with a hard bristle brush to remove all dead growth. Rinse thoroughly and repeat if necessary. Allow to dry.

Previously Painted Surfaces

Previously painted surfaces in good condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with Sugar Soap solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of Sugar Soap. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish to aid adhesion.

Chalky surfaces: Remove completely by scraping, wire brushing, sandpapering, etc. to expose the underlying substrate. Apply Ultimate Bonding Liquid or Ultimate Alkali plaster Primer. N.B. Bonding Liquid must be allowed to dry for 16hrs and overcoated within 3 days after application.

Previously painted surfaces in poor condition: Completely remove paint by most appropriate means or by stripping with Paint Stripper. Treat as for new work.

New Surfaces

Asphalt: Clean, dry and apply the product directly to the surface.

Concrete or screeded cement surfaces: Wet and brush the surface with stiff bristle brushes to remove dirt and excess laitance. If the surface is contaminated by oil use Hydrosolve. Scrub the Hydrosolve detergent into the surface and rinse off.

Remove the water and treat the damp surface by acid etching. Use 'swimming pool acid' i.e. hydrochloric or sulphuric acid. Acid etch as follows: Mix water and acid in 3 or 4:1 ratio. Add clean, clear water to a plastic bucket. Very carefully pour the acid in, being sure not to cause any spills or splashes. Do not use a metal container. **Always pour acid into water.** Never pour water into acid. If acid splashes back into your face, it can lead to disfiguring injuries or even blindness. **Observe basic acid safety measures.** Wear long sleeves, gloves, eye protection, and, if necessary, a face mask to protect against any fumes. Test the strength of the acid, it should immediately begin to bubble and react. Use a sprayer or watering can to distribute the acid. Rather than pour all of the acid onto one spot of the floor, which can leave some of the acid spent by the time it reaches the far corners of the concrete, use a plastic sprayer or watering can. This ensures a more even application. Immediately after spraying, use a squeegee to manually distribute so that the whole floor receives an even coating. The floor needs to stay wet the entire time you are acid etching. Do not let the acid dry on the floor — if necessary, wet areas that are drying out. Wait for the acid to react with the floor. Ensure that the acid has been evenly

applied; wait for it to stop bubbling. Usually, this will take about 2-15 minutes. As the acid reacts with the floor, it will open up small, porous holes in the concrete, making it much more accepting of the paint coating. Inspect the surface as the acid works. The acid should be reacting evenly and uniformly across the surface. If there are spots where the acid is not reacting, this can be a sign that an unnoticed grease stain or contamination was present on the concrete. In which case, use a mechanical grinder, to finish etching the concrete. Neutralize any remaining acid with Alkali pH Restorer (powder dissolved in water)

Rinse the floor thoroughly. At this point, the concrete should have a clean, freshly-etched appearance. Clean up washings and dispose of them legally. Do not pour them down the drain.

Allow to dry, sweep surface to remove any dust & debris prior to coating

Extremely porous surfaces – Unpainted cement: remove dust, dirt, loose granules, and friable and powdery material with a high-pressure water jet or by scrubbing with a hard bristle brush and water. Allow surface to dry. Apply undiluted Ultimate Bonding Liquid (refer to technical data sheet for application details). Allow to dry for at least 16 Hours at 25°C before overcoating with Tennis Court Paint. Overcoat before contamination of the surface can take place, within 48 hours.

Existing Tennis Courts

Ensure all surfaces are free from grease dust and debris & lightly abrade the surface to remove all loose coatings then patch prime all exposed steel

Sweep surface to remove any dust & debris prior to coating

APPLICATION

Mixing

Material is supplied in plastic containers. This is a one component product and does not require a hardener.

Agitate/stir the product well before use to ensure a homogeneous mix and no settlement of pigments.

No thinners should be added to this product

APPLICATION

Pot Life	No Limitation		
Thinner	Water	0-10% for Air Spray only.	
Airless Spray	Recommended	Tip Range 11-21 Thou. Pressure at the tip should not be less than 170 bar (2500 PSI)	
Air Spray	Recommended	Gun	Pressure/Gravity Feed
		Fluid Tip	1.1 mm to 1.6 mm
Brush/Roller	Recommended	Typically 30-50 microns can be achieved	
Work Stoppage	Thoroughly flush all equipment with Water . All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered and viscosity re-adjusted before use.		

Clean Up Clean all equipment immediately after use with **Water** It is good working practice to periodically flush out the spray equipment during the course of the working day. Frequency of cleaning will depend upon the amount sprayed, temperature and elapsed time, including delays.

Good airflow is essential around the surface once coated.

If the relative humidity limit of 70% is exceeded, drying and overcoating times will be severely extended.

Application below the minimum film forming temperature of the coating and/or poor ventilation will result in poor film coalescence and a powdery cracked film which will require removal prior to re-application.

Product can be thinned up to 10% for the first coat with water for very porous/absorbent surfaces. Thinning will reduce opacity.

Environment	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	10°C*	12°C	10%
Maximum	40°C	45°C	85%

*Or 3°C above the dew point

DECORATIVE

LIMITATIONS

- Some colours are more durable than others
- Speccoats™ accept no responsibility or accountability for either the workmanship in surface preparation or application of this product.
- Moisture content of substrate may not exceed 15%
- The painting of slate, clay, slurry tiles and wooden shingles is not recommended
- Do not apply at temperatures below 10°C or if the temperature is likely to fall below 10°C within 4 hour after application
- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Speccoats™ representative for specific recommendations
- Do not paint under conditions of frost, dew, rain or inclement weather. Painting under these conditions will affect the performance of the paint film.
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- Test performance results were obtained in a controlled laboratory environment and Speccoats™ makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating

UNIT SIZE

Tint Base	
0.90 Lt	1 Lt
4.50 Lt	5 Lt
18.00 Lt	20 Lt

STORAGE

Shelf Life	12 months at 25°C – from date of manufacture
	Subject to inspection thereafter. Store in dry conditions out of direct sunlight. Store at temperature between 5 and 35°C

IMPORTANT NOTE

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

PRECAUTIONS

For complete safety and handling information please refer to the appropriate **Safety Data Sheets** prior to using this product.

Decorative Coatings