
PRODUCT DESCRIPTION

One component, water based, 100% UV Resistant Acrylic Wearing Sport Surface formulated using Muskateer Colourants.

INTENDED USES

Used as part of a complete sport surface system for Tennis Courts, Netball Courts or Basketball Courts

Sport Surface Acrylic Re-Surfacing Concentrate is a specially formulated, high solid, low viscosity formula designed to increase yield and potentially reduce the amount of re-surfacing layers required.

It is an extremely tough, flexible resin with good open time allowing easy application by squeegee without the need for back rolling after application.

Blended on site with **Muskateer Colourant**, Silica Sand 5060 and a small amount of water (ensure sand does not settle)

Sport Surface Acrylic Re-Surfacing System is designed to be used directly to asphaltic surfaces, acrylic surfaces or correctly primed concrete surfaces (using Sport Surface Epoxy WB primer Clear).

Because Muskateer colourants are added to concentrate on site, it allows the user to add a colour of choice to the concentrate. Thus allowing the possibility of differentiating layers or improving yield of subsequent coats.

CHARACTERISTICS

- Water based
 - Low odour and non-flammable
 - Excellent adhesion to suitably prepared clean surfaces
 - Excellent adhesive surface for subsequent coats sport surface coatings
 - Water resistant
 - Easy clean up of tools and equipment`
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SYSTEMS

Standard Hard-Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	Sport Surface Epoxy WB Primer Clear
2 nd	Sport Surface Play Coat*	Sport Surface Acrylic Resurfacer*
3 rd Coat	Sport Surface Play Coat*	Sport Surface Play Coat*
4 th Coat		Sport Surface Play Coat*
Lines	Sport Surface Play Line*	Sport Surface Play Line

Standard-Cushion-Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	Sport Surface Epoxy WB Primer Clear
2 nd	Sport Surface Cushion Coat Fine	Sport Surface Acrylic Resurfacer*
3 rd	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
4 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
5 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
6 th	Sport Surface Play Coat*	Sport Surface Cushion Coat Fine
7 th	Sport Surface Play Coat*	Sport Surface Play Coat*
8 th		Sport Surface Play Coat*
Lines	Sport Surface Play Line*	Sport Surface Play Line

Ultra-Cushion-Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	Sport Surface Epoxy WB Primer Clear
2 nd	Sport Surface Cushion Coat Ultra	Sport Surface Acrylic Resurfacer*
3 rd	Sport Surface Cushion Coat Ultra	Sport Surface Cushion Coat Ultra
4 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Ultra
5 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
6 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
7 th	Sport Surface Play Coat*	Sport Surface Cushion Coat Fine
8 th	Sport Surface Play Coat*	Sport Surface Play Coat*
9 th		Sport Surface Play Coat*
Lines	Sport Surface Play Line*	Sport Surface Play Line

*Refer to dilution table on product information

*Refer to individual product data sheet for coatings other than Acrylic Resurfacing Concentrate

PRODUCT INFORMATION

Colour	Clear Concentrate + Muskateer Colourant
Finish	Satin
Density	1.00 kg/litre (un-filled material)
Volume Solids	35%
Dilutions	<i>Sport Surface Acrylic Re-Surfacer</i> 200Lt – Sport Surface Acrylic Resurfacing Concentrate 230 kg – Silica Sand 50-60 Water – as desired, avoid settlement of Silica Sand. 5-10lt – Muskateer Colourant (typically Black)
	<i>Sport Surface Crack Filler</i> Add Silica Sand 50-60 to consistency of Putty
Typical Film Thickness & Coverage	Up to 600 um per coat with Silica Sand 5060 2m ² / lt to 3m ² / lt (concentrate)
Method of Application	Neoprene rubber squeegee
Number of Coats	1 on smooth Acrylic court surfaces. 1-2 on new concrete or asphaltic surfaces Up to 4 maximum can be applied depending on condition of court.

Drying Information	10°C	20°C	30°C	40°C	50°C
Touch Dry	-	6 hrs.	-	-	-
Hard Dry	-	12 hrs.	-	-	-
Full Cure	-	10 Days.	-	-	-

Overcoating Data – See Limitations

Substrate Temp.	10°C	20°C	30°C	40°C	50°C
Minimum	-	16 hrs.	-	-	-
Maximum	-	72 hours	-	-	-

Note a curing temperature below 10°C is not recommended; adequate ventilation should be maintained during application and curing.
First coat of acrylic mst be applied before maximum over coating window

CERTIFICATIONS

Consult Speccoats™ Technical Representative for details

SURFACE PREPARATION

Asphalt Surfaces

New asphalt surfaces must be cured for 30 days prior to application of any Sport Surface materials

The surface shall be free of grease, oil, dust, dirt and any contamination prior to commencement of work.

The surface must be flooded to identify any ponding water (bird baths) remaining, deeper than 2mm, must be patched using **Patching Compound Flexible**, primed first with **Sport Surface Bonding Agent**

Application shall only proceed if the surface is dry, clean and temperatures are above 13°C and rising. Do not apply if rain is imminent or if temperature is expected to drop below minimum temperature within 4 hours.

Concrete

Concrete shall be inspected and made free of grease, oil, dust, dirt and any other contamination.

High Pressure wash the concrete to clean before starting,

The surface must be flooded to identify any ponding water (bird baths) remaining, deeper than 2mm, must be patched using **Patching Compound Flexible**, primed first with **Sport Surface Bonding Agent**

Grind any rough edges prior to coating.

Prime concrete using Epoxy WB Primer Clear using 3/8" nap roller or neoprene rubber squeegee.

MIXING

Sport Surface Acrylic Concentrate is supplied in q 200lt drum.

1. Start with 1 full drum or Sport Surface Acrylic Re-Surfacing Concentrate and 2 Clean, empty drums
2. Starting by agitating the material with electrical mixer too uniform consistency.
3. Split 1 drum of concentrate material into 3 drums, you will have 66 lt per drum
4. Add Muskateer Colourant minimum 1.5Lt per 66Lts of concentrate
5. While mixing, add minimum 75 kg of Silica Sand 5060
6. Add water while ensuring mixture remains a creamy consistency.

Do not add so much water that the sand settles. This will result in an uneven, under bound playing surface and will require re-coating.

APPLICATION

Pour out into the line of application and spread evenly using a rubber squeegee. Application should start on one end of the court and end at the other, each pull of the squeegee should be at a 30% overlap. Ensure a “wet edge” by continuously pouring more material.

Keep drum agitated during application to keep sand in suspension.

Cleaner SA65 Thinner For dry paint and equipment

Work Stoppage Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with SA65 Thinner. Once the kit has been mixed they should not be re-sealed and it is advised that of prolonged stoppages, work recommences with freshly mixed units

Clean Up Clean all equipment immediately after use with water (gelled or dried material can be cleaned with SA65 Thinners). It is advisable to periodically flush out spraying equipment during the course of the working day. Frequency of cleaning is dependant of upon the amount sprayed, temperature and elapsed time. Work strictly in accordance with the specified pot life of the material.

Environment	Surface	Ambient	Relative
	Temperature	Temperature	Humidity
Minimum	15°C*	15°C	No lower limit
Maximum	40°C	45°C	85%

* or 3°C above the Dew Point

LIMITATIONS

- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Speccoats™ representative for specific recommendations
- 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 20 Lt, 200 Lt

STORAGE **Shelf Life** 12 months minimum at 25°C

Subject to inspection thereafter. Store in dry conditions out of direct sunlight away from source of heat or ignition

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.
