

Sport Surface **Play Coat**

Heavy duty textured wearing topcoat for acrylic sports courts

A one component, water based, 100% UV resistant, pure acrylic wearing sport surface topcoat formulated with a texture and reinforcing fibres, for use directly to Sport Surface Acrylic Re-Surfacer or existing acrylic hardcourt surfaces. Supplied as a concentrate in clear or pigmented finish.

Intended Uses:

The texture of this coating makes the surface more skid resistant and is highly suited as a fast-medium paced tennis court, as a topcoat on Sport Surface Acrylic Re-Surfacer or existing hardcourt surfaces requiring rejuvenation.

Sport Surface Play Coat is a UV resistant coating formulated to provide toughness as expected for the above sport surfaces and as a finish will look attractive for many years, 5 – 8 years depending on maintenance and housekeeping. Ponding water should be removed and where possible courts should be kept free of sand, dirt, and general contamination. Maintenance should be addressed as and when the need arises to avoid costly repairs.

It is an extremely tough, flexible resin with good open time allowing easy application by squeegee without the need for back rolling after application. Supplied as a concentrate in a clear tint base (colourant added on site) or pigmented (from factory) then diluted with water (optional for spread ability).

Sport Surface Play Coat is micro fibre reinforced for improved dimensional stability and strength of the play coat. Sport Surface Play Coat is flexible and is used as the final layer in the cushion coat system.

Characteristics of Play Coat Grades:

Sport Surface Play Coat				
	Smooth	Std	Combi	Coarse
Pace	Fast	Fast-Medium	Medium	Medium-Slow
Court Type				
Tennis	1	5	5	5
Netball	5	4	2	1
Basketball	5	4	2	1

Suitability: 1 = Not recommended & 5 = Excellent.

Systems:

Standard Hard-Court System

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

* Refer to dilution table on product information.

* Refer to individual product datasheet for coatings other than Acrylic Resurfacing Concentrate.

Standard Cushion Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	Epoxy WB Concrete Primer
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 Coat*	Sport Surface Play Coat

* Refer to dilution table on product information.

* Refer to individual product datasheet for coatings other than Acrylic Resurfacing Concentrate.

Luxury Cushion Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	Epoxy WB Concrete Primer
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 Coat

* Refer to dilution table on product information.

* Refer to individual product datasheet for coatings other than Acrylic Resurfacing Concentrate.

Ultra-Cushion Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	Epoxy WB Concrete Primer
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 Ultra	Sport Surface Cushion Coat Ultra
5 th	Sport Surface Cushion Coat Ultra	Sport Surface Cushion Coat Ultra
6 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Ultra
7 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
8 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
9 th	Sport Surface Cushion Coat Fine	Sport Surface Cushion Coat Fine
10 th	Sport Surface Play Coat*	Sport Surface Cushion Coat Fine
11 th	Sport Surface Play Coat*	Sport Surface Play Coat*
12 th	Sport Surface Play Coat*	Sport Surface Play Coat*
13 th		Sport Surface Play Coat*
Lines	Sport Surface Play Coat*	Sport Surface Play Coat*

* Refer to dilution table on product information.

* Refer to individual product datasheet for coatings other than Acrylic Resurfacing Concentrate.

Sport Surfaces: Indoor & Outdoor Courts

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

Technical Data:

Colour	Clear tint base or pre-pigmented				
Finish	Semi matt				
Density	1.25 Kg/ Litre (Clear without quartz)				
Volume Solids	45% +/-3%				
Dilutions	Product	Smooth	Std	Combi	Coarse
	Sport Surface Play Coat Smooth – Tinted	20 Lt	20 Lt	20 Lt	20 Lt
	Silica Quartz SQ1 0.1 – 0.3mm	-	1 Kg	8 Kg	13 Kg
	Water	0 – 10%	0 – 10%	0 – 10%	0 – 10%
Typical Film Thickness & Coverage	• 6.6 m²/ Litre per coat @ 70µm DFT • Total recommended thickness with quartz is 120 – 140µm				
Method of Application	Neoprene rubber squeegee & back roll				
Number of Coats	Typically, 2 coats. Refer to systems above.				

Drying Information:

	0°C	5°C	10°C	20°C	30°C	40°C
Touch Dry	-	-	-	1 hr	-	-
Hard Dry	-	-	-	48 hrs	-	-
Full Cure	-	-	-	7 days	-	-
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	10°C	20°C	30°C	40°C
Minimum	-	-	-	4 hrs	-	-
Maximum	-	-	-	72 hrs	-	-

Note: A curing temperature below 10°C is not recommended; adequate ventilation should be maintained during application and curing. Allow 48 hours before allowing foot traffic or play. Inspect hardness prior to commencing play as inclement weather will extend curing time requirements.

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 Cement Mortar Flexi, primed first with Deep Penetrating Primer WB.

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 Cement Mortar Flexi, primed first with Deep Penetrating Primer WB.

Grind any rough edges prior to coating.

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

Apply desired system as per "systems" above

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Application:

Mixing	Sport Surface Play Coat Std. is supplied either as a clear tint based for on-site tinting/pigmenting in 4.5 Lt or 18 Lt drums or as a full 20 Lt, pre-pigmented in plant. 1. Start by agitating the material with electrical mixer too uniform consistency. 2. If using the tint base, add the Musketeer Colourant and continue to stir until colour is homogeneous. 3. Once uniform in colour, add contents of the Silica Quartz SQ1 which is supplied with the kit. 4. Add optional water & mix until homogeneous. 5. The water should only be added to adjust application properties by improving smoothing properties and open time. Too much water can cause colour shift and unstable film formation.	
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 colour & texture uniform.	
Cleaner	SA65 Thinner	For dry paint & 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 Temperature	Ambient Temperature	Relative Humidity
Minimum	15°C*	15°C	No lower limit
Maximum	40°C	45°C	85%

* Or 3°C above dew point.

Limitations:

- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Specialized Coating Systems 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 Specialized Coating Systems 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.

Pack Size:

Pigmented 5 Litre Kit	5 Litre Pigmented Sports Surface Play Coat
Pigmented 20 Litre Kit	20 Litre Pigmented Sports Surface Play Coat
Un-Pigmented 5 Litre Kit*	4.5 Litre Sport Surface Play Coat Tint Base
Un-Pigmented 20 Litre Kit*	18 Litre Sport Surface Play Coat Tint Base

* Muskateer Colourant supplied separately.

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Storage:

- Shelf Life: 12 months minimum at 25°C from date of manufacture. Subject to inspection thereafter.
- Store in dry conditions out of direct sunlight, away from sources of heat or ignition.

Precautions:

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