

Sport Surface **Acrylic Resurfacer**

Site mixed acrylic resurfacing system

A one component, water based, 100% acrylic concentrate developed purely for sport surface re-surfacing on tennis, netball & basketball courts.

Intended Uses:

Sport Surface Acrylic Resurfacer is used as part of a complete sport surface system for tennis courts, netball courts or basketball courts. It is a specially formulated, high solids, 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.

It is blended on site with Muskateer Colourant, Silica Quartz SQ 1 and a small amount of water (ensure sand does not settle). The Sport Surface Acrylic Re-Surfacing System is designed to be used directly to asphaltic surfaces, acrylic surfaces, or correctly primed concrete surfaces (Using EPAPrime Surface Primer). Because Muskateer colourants are added to the concentrate on site, it allows the user to add a colour of choice. Thus, allowing the possibility of differentiating layers or improving yield of subsequent coats.

Properties:

- 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.

Systems:

Standard Hard-Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	EPAPrime Surface 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*

Standard Cushion Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	EPAPrime Surface 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*

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

Luxury Cushion Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	EPAPrime Surface 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 Coat*	Sport Surface Play Coat*

Ultra Cushion Court System

Layer	Asphaltic/Acrylic Surface	Concrete Surface
1 st	Sport Surface Acrylic Resurfacer*	EPAPrime Surface 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 tables for more information.

* Refer to individual product datasheets for coatings other than Sport Surface Acrylic Resurfacer.

* Sport Surface Acrylic Resurfacer datasheet contains the information for the Sport Surface Cushion Coatings.

Technical Data:

Colour	Clear concentrate + musketeer colourant (2% by volume)		
Finish	Satin		
Density	1 Kg/ Litre (Un-filled material) 1.4 Kg/ Litre (Complete mix as below)		
Volume Solids	35% (On clear resin)		
Dilutions	Sport Surface Acrylic Resurfacer		
	Product	Qty	Qty
	Concentrate	20 Litre	200 Litre
	Colourant	400 ml	4 Litre
	Silica Quartz SQ 1	20 Kg	200 Kg
	Water	6 Litres	60 Litres
	Total Volume	33.5 Litres	333.5 Litres
	Total Mass	47.5 Kg	475 Kg
	Yield m ² / mix	59 m ²	590 m ²

Sport Surfaces: Indoor & Outdoor Courts

Sport Surface Cushion Fine		
Product	Qty	Qty
Concentrate	20 Litre	200 Litre
Colourant	400 ml	4 Litre
EPDM Rubber (Small)	20 Kg	200 Kg
Water	6 Litres	60 Litres
Total Volume	33.5 Litres	333.5 Litres
Total Mass	47.5 Kg	475 Kg
Yield m ² / mix	59 m ²	590 m ²
Sports Surface Cushion Coat Ultra		
Product	Qty	Qty
Concentrate	20 Litre	200 Litre
Colourant	400 ml	4 Litre
EPDM Rubber (Large)	20 Kg	200 Kg
Water	6 Litres	60 Litres
Total Volume	33.5 Litres	333.5 Litres
Total Mass	47.5 Kg	475 Kg
Yield m ² / mix	59 m ²	590 m ²
Coverage	Total mix spreading rates • 800 gm/ m ² per coat • 570 ml/ m ² per coat	
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:

	0°C	5°C	10°C	20°C	30°C	40°C
Touch Dry	-	-	-	2 hrs	-	-
Hard Dry	-	-	-	8 hrs	-	-
Full Cure	-	-	-	10 days	-	-
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	10°C	20°C	30°C	40°C
Minimum	-	-	-	16 hrs	-	-
Maximum	-	-	-	72 hrs	-	-

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

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 or Sport Surface Acrylic Crack Filler.

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.

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

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 or Sport Surface Acrylic Crack Filler, primed first with Deep Penetrating Primer WB or EPAPrime Surface primer.

Grind any rough edges prior to coating.

Prime concrete using EPAPrime Surface Primer using 3/8" nap roller or neoprene rubber squeegee.

Application:

Mixing	Sport Surface Acrylic Concentrate is supplied in a 20Lt or 200lt drum. 1. Start with Sport Surface Acrylic Resurfacing Concentrate. 2. Mix in Silica Quartz. 3. Mix in Musketeer Colourant. 4. Mix in Water. 5. Keep under agitation during application. Addition of more water is possible; however, care should be taken as 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 & 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.

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

Pack Size:

20 & 200 Litre.

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.