

S-SPORT FibreMastic PLAY COAT

INTERIOR & EXTERIOR

WATER BASED

Description:

A one component, Water based UV stable acrylic coating with glass fibre reinforcement and fillers, available in 3 textures, premixed with coarse, fine or ultra fine silica quartz, and colourant, used as a play coat and line marking

Intended Uses:

S-SPORT FibreMastic PLAY COAT is designed as a play coating in the re-surfacing tennis courts, netball courts, basketball courts and any other sports courts. This product can be used as a final finish coat & for line marking on all sports courts

The various texture of this coating makes the surface skid resistant and is highly suited as a fast – medium paced sports court.

It 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 glass & micro fibre reinforced for improved dimensional stability and strength of the play coat. It is flexible and is used as the final layer in the cushion coat system.

- COURT PACE RECOMMENDATION

Court Pace Recommendations:

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.

Technical Data:

Product Physical Form	Viscous Liquid
Binder Type	Modified Acrylic
Pigment/Filler Type	Coarse Silica Quartz (0.5 to 1.0 mm) Fine Silica Quartz (0.2 to 0.5 mm) Smooth Silica Quartz (0.04 mm)
Colour	All Colours
Appearance	Matt Textured
Density (Kg/ Lt @ 23°C)	1.2 ± 0.05 for Smooth 1.5 ± 0.05 for Fine 1.5 ± 0.05 for Coarse
Diluent	Up to 10% with water to adjust fluidity

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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

PH	9 ± 0.5
Recommended WFT	250 – 350µm per coat (Smooth) 350 – 450µm per coat (Coarse & Fine)
Spreading Rate	• 0.25 to 0.35 Lt / m ² / coat (Smooth) • 0.35 to 0.45 Lt / m ² / coat (Coarse & Fine)
Number of Coats	2 or more coats (To achieve surface obliteration)
Method of Application	Neoprene rubber squeegee or roller
Pack Size	5, 20 or 200lt
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers

Important Information:

- 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.
- Ponding water should not be allowed to sit on court surfaces 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.
- Application shall only proceed if the surface is dry, clean and temperatures are above 15°C and rising. Do not apply if rain is imminent or if temperature is expected to drop below minimum temperature within 4 hours. Do not apply to surfaces exceed 40°C.

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats & other contaminants.
- Oil can be removed using Hydrosolve Degreaser.
- Fungal growth or algae can be removed using Fungicidal Wash.
- Laitance & loose particles must be removed thoroughly i.e., grinding /high pressure cleaning.
- Moisture content of surfaces should not exceed 4%, and not show signs of rising water.
- Bitumen surfaces should be properly cured & free from excess volatiles.
- New asphalt surfaces must be cured for 30 days prior to application of any sport surface materials.
- The surface to be coated should be strong enough to bond to the coating.

Substrate	Cleaning & Preparation Instructions	Primer
Asphalt Surfaces	The surface must be flooded to identify any ponding water (bird baths) remaining, deeper than 2mm, must be patched using SpecScreed SLC or S-SPORT FibreMastic Resurfacer	No primer required typically. For bitumen rich surfaces used Bituminous & Porous Primer
Concrete Surfaces	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 SpecScreed SLC or S-SPORT FibreMastic Resurfacer, primed first. Grind any rough edges prior to coating.	Prime entire surface with either Deep penetrating primer WB, Epoxy WB Concrete Primer WB or SpecFloor Vapour Barrier Primer WB

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Application:

Mixing	Product is supplied in a 20 Lt drum. 1. Start with mixing S-SPORT FibreMastic PLAY COAT 2. Mix in Water. 3. Keep under agitation during application.
Application Tools	Neoprene rubber squeegee or roller
Application and line marking	Apply final 2 coats of S-SPORT FibreMastic Play Coat Coarse Colour Sport is diluted up to 10% with clean water and applied in minimum 2 layers by squeegee, starting on one end the material is poured onto the surface and applied by overlapping 20-30cm. the material is to be applied continuously until the end. As the coating dries the next layer can be applied immediately in the same area. Water is used up to 10% to adjust fluidity and to ensure no to minimal squeegee marks. Low temperature will result in longer curing times. In general, it is recommended that not more than 2 layers are applied per day in good weather. Rushing the application will result in water entrapment and blistering. Always be patient.
Clean Up	Clean all equipment immediately after use with water (gelled or dried material can be cleaned with SA65 Thinners).

Application Environment

	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	15°C*	15°C	No lower limit
Maximum	40°C	35°C	85%

* Or 3°C above dew point

Drying & Overcoating Information

Touch Dry	1 hours @ 23°C
Overcoating Time	6 – 8 hours @ 23°C (For thicker applications – 24 hours @ 23°C)
Hard Dry	8 hours @ 23°C
Full Cure	7 days @ 23°C
Extra Information	-

Systems for reference:

System	Description	Spec
S-SPORT Floor Acrylic UV HARD 1.2 mm	Outdoors resilient acrylic medium Fast sports flooring system for tennis, basketball, volleyball, handball, football and other outdoor sports. Class 5 Fast	1 Layer of Deep Penetrating Primer, 2 layers of S-SPORT FIBREMASTIC RE-SURFACER UV COLOUR 1 Layers of S-SPORT FIBREMASTIC PLAY COAT COLOUR SMOOTH
S-SPORT Floor Acrylic HARD 1.5 mm	Outdoors resilient acrylic medium Fast sports flooring system for tennis, basketball, volleyball, handball, football and other outdoor sports. Class 5 Fast	1 Layer of Deep Penetrating Primer, 2 layers of S-SPORT FIBREMASTIC RE-SURFACER BEIGE 2 Layers of S-SPORT FIBREMASTIC PLAY COAT COLOUR SMOOTH
S-SPORT Floor Acrylic UV HARD 1.5 mm	Outdoors resilient acrylic medium Fast sports flooring system for tennis, basketball, volleyball, handball, football and other outdoor sports. Class 5 Fast	1 Layer of Deep Penetrating Primer, 2 layers of S-SPORT FIBREMASTIC RE-SURFACER UV COLOUR 2 Layers of S-SPORT FIBREMASTIC PLAY COAT COLOUR SMOOTH
S-SPORT Floor Acrylic HARD 2.2 mm	Outdoors resilient acrylic medium Fast sports flooring system for tennis, basketball, volleyball, handball, football and other outdoor sports. Class 4 Medium Fast	1 Layer of Deep Penetrating Primer, 2 layers of S-SPORT FIBREMASTIC RE-SURFACER BEIGE 2 Layers of S-SPORT FIBREMASTIC PLAY COAT COLOUR COARSE
S-SPORT Floor Acrylic CUSHION 3.5mm	Outdoor flexible. Acrylic sports flooring system ideal for tennis, basketball, volleyball, handball and football or any other outdoor courts. Class 3 - Medium	1 Layer of Deep Penetrating Primer, 1 Layer of S-SPORT FIBREMASTIC RESURFACER BEIGE, 2 layers of S-SPORT FIBREMASTIC CUSHION COAT Coarse 2 Layers of S-SPORT FIBREMASTIC CUSHION COAT FINE 2 Layers of S-SPORT FIBREMASTIC PLAY COAT COLOUR COARSE
S-SPORT Floor Acrylic CUSHION 5.0 mm	Outdoor flexible. Acrylic sports flooring system ideal for tennis, basketball, volleyball, handball and football or any other outdoor courts. Class 3 - Medium	1 Layer of Deep Penetrating Primer 1 Layer of S-SPORT FIBREMASTIC RESURFACER BEIGE 4 layers of S-SPORT FIBREMASTIC CUSHION COAT Coarse 2 Layers of S-SPORT FIBREMASTIC CUSHION COAT FINE 2 Layers of S-SPORT FIBREMASTIC PLAY COAT COLOUR COARSE

* Refer to dilution tables for more information.

* Refer to individual product datasheets and system sheets for yield and other technical information.

Safety Precautions:

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

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