

## Acrylic Sports Flooring System

### DESCRIPTION

The SPU<sup>®</sup> Green Court is an improvised modified acrylic that provides toughness and greatly refining the durability. With improved acrylic coating of the finishing top surface, the rounded aggregates bonded together forming a cross-linked pattern and prevent surface silica sand run-offs. This structure provides high moisture resistance, in turn providing a long-lasting surface coating system. SPU<sup>®</sup> Green Court guarantees long-lasting professional court with little maintenance. All installations of the flooring systems are strictly carried out only by manufacture approved specialists to ensure high quality and standards.

### SCOPE OF APPLICATION

- Tennis Court
- Badminton Court
- Basketball Court
- Netball Court

### PRODUCT FEATURES

- Evenly Texture and Dust Resistant
- High Wear Resistant and Durable
- Weather Resistant
- Low Maintenance
- High UV-resistant
- Environmental Friendly

### SPORTS PERFORMANCE DATA

No	Test Items	Requirements	Test Results
1	Rebound,%	≥80	88
2	Shock Absorption, %	5-15	9
3	Sliding Resistance, N	60-100	76
4	Permeability, mm/min	0	0

### CHEMICAL PROPERTIES

No	Test Items	Requirements	Test Results	
1	VOC (g/L)	≤25	16.19	
2	Benzene (%)	N.D	N.D*	
3	Toluene, Xylene, Ethyl benzene (%)	N.D	N.D	
4	Free diisocyanate (TDI+HDI) (%)	N.D	N.D	
5	Halogenated Solvent (%)	N.D	N.D	
6	Heavy Metal (mg/kg)	Pb	N.D	N.D
		Cd	N.D	N.D
		Cr	N.D	N.D
		Hg	N.D	N.D

\*N.D: Not detected (<Reporting Limit)

### POT LIFE

Pot life will vary according to the quantity mixed, ambient and substrate temperature.

Primer:	1 hour
Moisture Barrier:	3 hours
High Penetrative Primer:	1 hour
Top Coat:	1 hour
Finishing Coat:	1 hour

(All at 23°C)

### COVERAGE

Primer:	0.12 kg/m <sup>2</sup>
Moisture Barrier:	0.65 kg/m <sup>2</sup>
High Penetrative Primer:	0.16 kg/m <sup>2</sup>
Top Coat:	0.15 kg/m <sup>2</sup>
Finishing Coat:	0.15 kg/m <sup>2</sup>

## Acrylic Sports Flooring System

### CURING

Primer:	1 hour
Moisture Barrier:	8 hours
High Penetrative Primer:	4 hours
Top Coat:	3 hours
Finishing Coat:	3 hours

### SHELF LIFE

SPU® Green Court may be stored in tightly sealed original containers for 6 months in controlled environments.

### PRECAUTIONS

Application of subsequent layers to only commence after the previous layer is cured. The amount of water to add is a basic guideline; mix to workability. Read all safety directions and warnings on this before use. Refer to material safety data sheet for handling procedures. Suggest wearing respirator mask, chemical protective glasses, toxic overalls and impermeable gloves. Distance from all fire source, heat, and do not smoke in the area during the course of the application. Ensure adequate ventilation.

### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication are based on the present state of our best scientific and practical knowledge. The use of product is not under control of the manufacturer. It is not a sales specification or an indication of suitability for particular use. The product is complied with the regulation for indoor renovation material under toxic chemical substances. B. T. Sports Pte Ltd reserves the rights to change the natural of the product.