



SISSONS PAINTS (THAILAND) LTD.

บริษัท ซีสันส์เพ้นท์ส (ประเทศไทย) จำกัด

ได้รับการรับรองระบบคุณภาพมาตรฐาน ISO 9001 จาก SGS (Thailand) Limited.



91/2 หมู่ 3 ถนนสุวินทวงศ์ มีนบุรี กรุงเทพฯ 10510 โทร +66 (0) 2517 1146, 2918 6760 โทรสาร +66 (0) 2517 2137

SISCOSPORT PU SYSTEM

Self-levelling PU sport flooring system

Introduction	System comprising of Siscosport PU Primer, Siscosport PU Middle and Siscosport PU Top . It is a high performance sport flooring with good elasticity, tensile strength, color stability, long-term durability, safe and easy to installation. Product is ITF classified court pace Category 4 - Medium-fast																																																																																																													
Features	<p>1) Comfort : Due to the liquid rubber coating (Siscosport PU Middle) , the floor is very comfortable to play on compared to the commonly used hard court solutions.</p> <p>2) Safety : with its formula chemistry, Siscosport PU system is well-balanced friction/ sliding properties, the comfort court offers safety for the players at all time.</p> <p>3) Seamless design : 70% of all floor failures start with a seam, so no seam, no pores, no problem.</p> <p>4) Closed surfaces : No dirt or bacteria can penetrate the floor, very easy to clean, very hygienic.</p> <p>5) Multi-sport use : The surface makes it suitable to play all kind of ball games; including tennis, basketball, badminton, volleyball, and futsal, playground and recreation area, etc.</p> <p>6) Every design is possible: including using more colours in one floor or inserting a sports club logo in the floor.</p> <p>7) Excellent UV resistance : This ensures a surface with the same appearance for years and years after installation.</p> <p>8) Asphalt or concrete sub-base: Both are suitable for silicon PU comfort court, there are no limitation when you choose to install a silicon PU comfort court system.</p>																																																																																																													
Test Data	<table><tr><th>No.</th><th>Description</th><th>Method</th><th>Standard</th><th>Result</th></tr><tr><td>1</td><td>Surface Hardness (Shore A)</td><td>Shore hardness</td><td>35-50</td><td>36</td></tr><tr><td>2</td><td>Ball rebounded</td><td>EN12235</td><td>≥90%</td><td>99.10%</td></tr><tr><td>3</td><td>Gloss</td><td>EN ISO2813</td><td>-</td><td>PASS</td></tr><tr><td>4</td><td>Shock absorption</td><td>EN ISO2813</td><td>25-75%</td><td>25.1</td></tr><tr><td>5</td><td>Vertical deformation</td><td>EN14809</td><td>≤6.0 mm</td><td>0.27 mm</td></tr><tr><td>6</td><td>Flexibility at low temperature</td><td>CNS</td><td>No crack</td><td>No crack</td></tr><tr><td>7</td><td>Tear resistance</td><td>CNS</td><td>≥15 N/mm</td><td>17</td></tr><tr><td>8</td><td>Elongation at Break</td><td>CNS</td><td>≥200%</td><td>614%</td></tr><tr><td>9</td><td>Tensile strength</td><td>CNS</td><td>≥2.0 MPa</td><td>3.2 MPa</td></tr><tr><td>10</td><td>Resistance to fire</td><td>CNS</td><td>1</td><td>1</td></tr><tr><td>11</td><td>Friction</td><td>EN 13036-4</td><td>55-110</td><td>105</td></tr><tr><td>12</td><td>TDI, HDI</td><td>CNS</td><td>≤0.4</td><td>Not Detected</td></tr><tr><td>13</td><td>V.O.C-content</td><td>CNS</td><td>≤0.05g/kg</td><td>Not Detected</td></tr><tr><td>14</td><td>Heavy metals--Pb</td><td>CNS</td><td>≤40 mg/kg</td><td>Not Detected</td></tr><tr><td>15</td><td>Heavy metals--Cd</td><td>CNS</td><td>≤5 mg/kg</td><td>Not Detected</td></tr><tr><td>16</td><td>Heavy metals--Cr</td><td>CNS</td><td>≤5 mg/kg</td><td>Not Detected</td></tr><tr><td>17</td><td>Heavy metals--Hg</td><td>CNS</td><td>≤0.5 mg/kg</td><td>Not Detected</td></tr><tr><td>18</td><td>UV test under 168h</td><td>CNS</td><td></td><td></td></tr><tr><td></td><td>Tensile strength</td><td></td><td>≥0.7 MPa</td><td>3.2 MPa</td></tr><tr><td></td><td>Elongation</td><td></td><td>≥60%</td><td>511%</td></tr></table>					No.	Description	Method	Standard	Result	1	Surface Hardness (Shore A)	Shore hardness	35-50	36	2	Ball rebounded	EN12235	≥90%	99.10%	3	Gloss	EN ISO2813	-	PASS	4	Shock absorption	EN ISO2813	25-75%	25.1	5	Vertical deformation	EN14809	≤6.0 mm	0.27 mm	6	Flexibility at low temperature	CNS	No crack	No crack	7	Tear resistance	CNS	≥15 N/mm	17	8	Elongation at Break	CNS	≥200%	614%	9	Tensile strength	CNS	≥2.0 MPa	3.2 MPa	10	Resistance to fire	CNS	1	1	11	Friction	EN 13036-4	55-110	105	12	TDI, HDI	CNS	≤0.4	Not Detected	13	V.O.C-content	CNS	≤0.05g/kg	Not Detected	14	Heavy metals--Pb	CNS	≤40 mg/kg	Not Detected	15	Heavy metals--Cd	CNS	≤5 mg/kg	Not Detected	16	Heavy metals--Cr	CNS	≤5 mg/kg	Not Detected	17	Heavy metals--Hg	CNS	≤0.5 mg/kg	Not Detected	18	UV test under 168h	CNS				Tensile strength		≥0.7 MPa	3.2 MPa		Elongation		≥60%	511%
No.	Description	Method	Standard	Result																																																																																																										
1	Surface Hardness (Shore A)	Shore hardness	35-50	36																																																																																																										
2	Ball rebounded	EN12235	≥90%	99.10%																																																																																																										
3	Gloss	EN ISO2813	-	PASS																																																																																																										
4	Shock absorption	EN ISO2813	25-75%	25.1																																																																																																										
5	Vertical deformation	EN14809	≤6.0 mm	0.27 mm																																																																																																										
6	Flexibility at low temperature	CNS	No crack	No crack																																																																																																										
7	Tear resistance	CNS	≥15 N/mm	17																																																																																																										
8	Elongation at Break	CNS	≥200%	614%																																																																																																										
9	Tensile strength	CNS	≥2.0 MPa	3.2 MPa																																																																																																										
10	Resistance to fire	CNS	1	1																																																																																																										
11	Friction	EN 13036-4	55-110	105																																																																																																										
12	TDI, HDI	CNS	≤0.4	Not Detected																																																																																																										
13	V.O.C-content	CNS	≤0.05g/kg	Not Detected																																																																																																										
14	Heavy metals--Pb	CNS	≤40 mg/kg	Not Detected																																																																																																										
15	Heavy metals--Cd	CNS	≤5 mg/kg	Not Detected																																																																																																										
16	Heavy metals--Cr	CNS	≤5 mg/kg	Not Detected																																																																																																										
17	Heavy metals--Hg	CNS	≤0.5 mg/kg	Not Detected																																																																																																										
18	UV test under 168h	CNS																																																																																																												
	Tensile strength		≥0.7 MPa	3.2 MPa																																																																																																										
	Elongation		≥60%	511%																																																																																																										



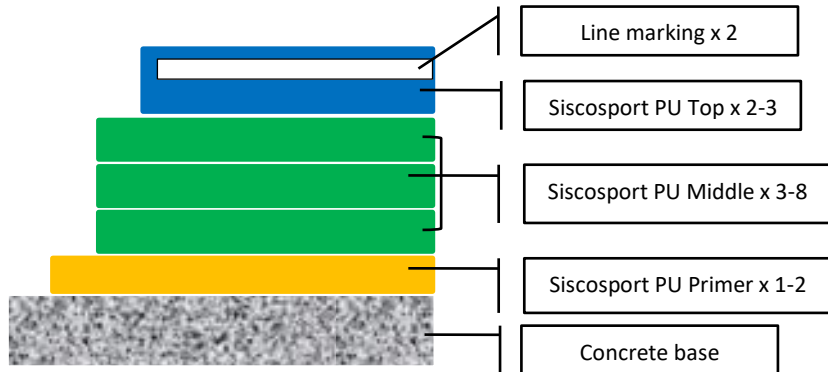
SISSONS PAINTS (THAILAND) LTD.

บริษัท ซิสชั่นส์เพ้นท์ส (ประเทศไทย) จำกัด

ได้รับการรับรองระบบคุณภาพมาตรฐาน ISO 9001 จาก SGS (Thailand) Limited.



91/2 หมู่ 3 ถนนสุวินทวงศ์ มีนบุรี กรุงเทพฯ 10510 โทร +66 (0) 2517 1146, 2918 6760 โทรสาร +66 (0) 2517 2137



Coverage & Package

Application system

Layer	Product	Coverage	Packing
Primer	Siscosport PU Primer	0.2-0.3 kg/m ²	20 kg
Elastic layer	Siscosport PU Middle	1.4 kg/m ² /mm	30 kg
Topcoat (UV protect)	Siscosport PU Top	0.2-0.3 kg/m ²	20 kg
Line marking (white)	PU Line Marking	-	5.6 kg

Surface Preparation

- 1) Concrete surface must be clean, dry, structurally sound and even.
- 2) The new concrete should be at least 28 days age.
- 3) Surface must be smooth and flat, no water-ponding, any cracks must be repaired by appropriate sealing material.
- 4) Moisture content of the surface must be below 8% and there must be no rising damp or Siscofloor MBS must be installed to block moisture before installation of Siscosport PU system.

Installation Step



Apply primer by roller



Seal the crack by trowel



SISSONS PAINTS (THAILAND) LTD.

บริษัท ซีสชั่นส์เพ้นท์ส (ประเทศไทย) จำกัด

ได้รับการรับรองระบบคุณภาพมาตรฐาน ISO 9001 จาก SGS (Thailand) Limited.



91/2 หมู่ 3 ถนนสุวินทวงศ์ มีนบุรี กรุงเทพฯ 10510 โทร +66 (0) 2517 1146, 2918 6760 โทรสาร +66 (0) 2517 2137



Mixing material for homogeneous



Apply middle coat by squeegee



Polish before topcoat



Topcoat by roller



Topcoat by spray



SISSONS PAINTS (THAILAND) LTD.

บริษัท ซีสันส์เพ้นท์ส (ประเทศไทย) จำกัด

ได้รับการรับรองระบบคุณภาพมาตรฐาน ISO 9001 จาก SGS (Thailand) Limited.



91/2 หมู่ 3 ถนนสุวินทวงศ์ มีนบุรี กรุงเทพฯ 10510 โทร +66 (0) 2517 1146, 2918 6760 โทรสาร +66 (0) 2517 2137

	<div data-bbox="525 237 1011 546" data-label="Image"> </div> <div data-bbox="1141 327 1356 362" data-label="Caption"> <p>Marking the line</p> </div> <div data-bbox="525 577 1094 1001" data-label="Image"> </div> <div data-bbox="1150 716 1244 750" data-label="Caption"> <p>Finish.</p> </div> <div data-bbox="1150 786 1425 887" data-label="Text"> <p>Leave it cured 7 days before use.</p> </div>
<p>Acceptance and Precaution</p>	<p>1) No delamination or bubble phenomenon, the thickness should be consistent with the design and specifications. 2) Surface should be in good flatness. 3) Marking line requires clear, non-reflective, straight, and smooth.</p> <p>Note:</p> <p>1. Humidity should not more than 65% while install the flooring system. 2. Be sure no rain or water after 4 hours installed for each layer. 3. After finish, it should maintain 7days before use.</p>
<p>SAFETY</p>	<p>The uncured material should not touch the skin for a long time. If you accidentally enter the eyes, rinse with plenty of water and go to the doctor immediately. This product is a chemical product. It is harmful if swollen, keep away from child and pet. In case of fire, it is recommended to use powder, carbon dioxide or foam fire extinguishing agent.</p>
<p>DISCLAIMER</p>	<p>The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.</p>