



SISSONS PAINTS (THAILAND) LTD.

บริษัท ซีสันส์เพ้นท์ส (ประเทศไทย) จำกัด

ได้รับการรับรองระบบคุณภาพมาตรฐาน ISO 9001 จาก SGS (Thailand) Limited.



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SISCOSPORT PU Middle

Elastic coating material for Self-levelling PU sport flooring system

DESCRIPTION	Siscosport PU Middle is one component moisture curing polyurethane material. It is designed for easy application due to good leveling property. It performs seamless, smooth, water-tight, durable and comfort touch. Suitable for various sport flooring such as tennis, basketball, badminton, multi-purpose playground, futsal, recreation areas, etc.																												
FEATURES	<ul style="list-style-type: none">- Self-leveling consistency- Good shock absorption and resilience- Excellent adhesion to substrate- Excellent alkali, acid and water resistance- Good compatibility with surface layer- 1 component product, easy to use- Low odor; applicators, users and environment friendly- Easy to maintenance																												
PROPERTIES	<table><tr><th>Item</th><th>Data</th></tr><tr><td>Color</td><td>Green</td></tr><tr><td>Viscosity (25°C)</td><td>4000-10000 MPa.s</td></tr><tr><td>Solid content (%)</td><td>>92</td></tr><tr><td>Pot life (25°C)</td><td>40 minutes</td></tr><tr><td>Touch dry (25°C)</td><td>8 hours</td></tr><tr><td>Hard dry (25°C)</td><td>24 hours</td></tr><tr><td>Hardness Shore A</td><td>40-50</td></tr><tr><td>Tensile strength</td><td>>1.5 MPa</td></tr><tr><td>Elongation at break</td><td>>450</td></tr><tr><td>Compression recovery rate</td><td>>24%</td></tr><tr><td>Theoretical coverage</td><td>1.4 kg/m²/mm</td></tr><tr><td>Recommend thickness</td><td>3-4 mm</td></tr></table>			Item	Data	Color	Green	Viscosity (25°C)	4000-10000 MPa.s	Solid content (%)	>92	Pot life (25°C)	40 minutes	Touch dry (25°C)	8 hours	Hard dry (25°C)	24 hours	Hardness Shore A	40-50	Tensile strength	>1.5 MPa	Elongation at break	>450	Compression recovery rate	>24%	Theoretical coverage	1.4 kg/m ² /mm	Recommend thickness	3-4 mm
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SURFACE PREPARATION	<p>1) Concrete surface must be clean, dry, structurally sound and even.</p> <p>2) The new concrete should be at least 28 days.</p> <p>3) Surface must be smooth and flat, no water-ponding, any cracks must be repaired by appropriate sealing material.</p> <p>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.</p>																												
APPLICATION	<p>Equipment: Trowel or squeegee</p> <p>Humidity in air: maximum 70%</p> <p>Temperature: minimum 10°C, maximum 35°C</p> <p>Surface moisture content: maximum 8%</p> <p>Mixing: Mix nothing, no thinner, stir with mixing drill before use 1-2 minutes or until material is homogenous. Try to place paddle in the middle of the material. Avoid to corporate air inside the material.</p> <p>Primer: Siscosport PU Primer</p> <p>Subsequent coating: Siscosport PU Top</p> <p>Recommend apply thickness: 1 mm per 1 layer, If 3 mm thick, apply in 3 layers</p> <p>Curing time for next coat: 8-12 hours</p>																												



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	Sport flooring system <table><tr><th>Layer</th><th>Product</th><th>Coverage</th><th>Packing</th></tr><tr><td>Primer</td><td>Siscosport PU Primer</td><td>0.2-0.3 kg/m²</td><td>20 kg</td></tr><tr><td>Elastic layer</td><td>Siscosport PU Middle</td><td>1.4 kg/m²/mm</td><td>30 kg</td></tr><tr><td>Topcoat (UV protect)</td><td>Siscosport PU Top</td><td>0.2-0.3 kg/m²</td><td>20 kg</td></tr></table>	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
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CAUTION	<ul style="list-style-type: none">- Any bubbles and ponding must be fixed before applying the next layer.- Be sure no rain or water after 4 hours installed for each layer.- In case of rain or delay work for few days, the whole court must be polished by sanding paper before laying the next layer.																
PACKING Storage & Shelf life	30 kg/ pail Store in a cool, ventilated and dry warehouse, keep away from fire and heat sources. 12 months from date of production. After storage period, must test before use.																
SAFETY	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.																
DISCLAIMER	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.																