

Kemfloor Sportcoat/107

A Multi-Purpose Outdoor Athletic Surface Coating

Description	Kemfloor 107 Sportcoat is a fast drying acrylic-thermoplastic based coating that provides concrete and asphalt floors with excellent resistance against abrasion, wear and weather conditions including UV-resistance. It complies with ASTM D522, D941, D2196, D2369, D4541, D870, D2794, G154, and D4060
Where to use	Kemfloor 107 Sportcoat is used cuts glare, adds color and improves traction on asphalt and concrete floors. It is used for outdoors sports surface such as: • Tennis courts • Play yards • Multi-purpose athletic courts • Walkways • Jogging tracks
Advantages	• Helps prevent surface glare to increase visibility • Resists abrasion & scuffing • It retains its freshly coated appearance • Easy applied • Resist atmospheric exposure • UV-resistant • Water resistant
Properties	
Color	White, green, red, blue, and brown
Density	1.26 ± 0.05 gm/cm ³
Solids content	50 – 60 % By volume
Viscosity	2404 Poise @25°C
Touch to dry	45 Minutes @25°C
Hand dry	120 Minutes @25°C
Fully dry	72 Hours
Bond strength to concrete	2.80 MPa
Abrasion resistance	50 mg/1000 Cycles
Weather resistance	Pass
UV resistance for 300 hrs.	Pass
Surface Preparation	• Concrete or asphalt surfaces must be clean, sound, and dry • All surfaces must be free from oil, grease, paints, and any loose particles • Laitance must be removed from concrete surfaces by mechanical methods • Dust and loose particles should be blown off to obtain clean surfaces
Expansion joints	Shall be installed in accordance with local building codes. Never bridge an expansion, contraction, or construction joint
Mixing	• The material should be mixed in its containers until a uniform color is obtained • The mechanical mixer is preferred • Thinning with Prokem solvent up to 10%

Application	• The material is to be applied with a brush or roller • Apply a first coat as a sealer with a 10% thinned material to seal pores • Allow to dry overnight • Apply two or three coats with a roller using the material directly from its container • Leave the surface to fully dry before use for 3 days
Theoretical Coverage	0.2 Kg/m ² D.F.T 100 microns 2 - 3 coats are recommended
Packaging	5 & 20 Kg Pails
Shelf life & storage	12 months if stored in unopened containers in cool, dry condition
Health and Safety	• Use gloves and a breathing mask when applying • Apply forced ventilation in confined spaces • Skin splashes to be removed with hand cleanser, soap, and water • Eye splashes are to be removed with plenty of water • If ingested seek medical advice
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structures PROKEM designs tailor made products should there be a critical application that requires specific properties rather than our main range. For our customer's satisfaction PROKEM reserves the right to change the properties of its products All orders are accepted subject to our current terms of sale & delivery Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request PROKEM extends technical services to include after sales support to assist users in the proper handling of our products