

Durex® Komfort SUPER SPORT System

High Performance Seamless Multi-Purpose Sports Flooring (10 mm)

Description	Durex® Komfort SUPER SPORT is a seamless, 10mm thick, polyurethane & rubber mat based ergonomic and elastic sports floor system featuring a 6mm rubber mat designed specifically for high shock absorption in multi-use sports floors. Durex® Komfort SUPER SPORT offers high levels of shock absorption and delivers player safety levels with excellent durability. Recommended for most indoor sport facilities and fitness centers. Easy to overcoat and repair. Seamless, easy to clean and hygienic.
Uses	Durex® Komfort SUPER SPORT System is used as shock absorbing, multi-purpose sports flooring system for indoor sports court applications. To be used for multi-purpose sport activities including Basketball, Volleyball as well as Aerobic and general training. Durex® Komfort Sport is available with customizable line marking and logos for any application desirable. Can also be used in traditional Durex® Komfort areas that require exceptional user comfort, such as Operating Rooms and Child Care Centres.
Ideal For	• Sport & fitness Facilities • Schools and Play Areas • Dance Halls • Day Care Centers & Operating Theatres
Features	• 6mm thick rubber mat - Enhanced comfort and point-elasticity • Available in a multitude of decorative finishes, logos and line options • Smooth, hygienic high performance, aesthetically pleasing, durable finish • Easy and quick to install, recoat and repair • Long term service life • Will not support growth of fungus or bacteria • Excellent abrasion and slip resistance • Easy to clean and to maintain

TECHNICAL DATA

PHYSICAL PROPERTIES		
Colour	Standard Finish: Solid Colour DecoArt Finish: Variety of Designs & Colours	
Coverage	Durex® Komfort Primer	5 m ² /L (200 ft ² /gal) @ 8 mils
	Durex® Komfort Poly-Line	Adhesive as required
	Durex® Komfort Rubber Mat	6mm roll
	Durex® Komfort Pore Sealer	4 m ² /L (680 ft ² /18kg kit) @ 10 mils
	Durex® Komfort Self Leveling Flex	1.5kg/m ² (140 ft ² /20kg kit) @ 1mm (40 mils) x 2 coats required
	Durex® Komfort Top Coat	0.1 kg/m ² (400 ft ² /gal) @ 3 mils WFT (2 coats required)
Mix Ratio	Refer to Product TDS Sheet	
Pot Life	Refer to product TDS Sheet	
Chemical Resistance	Contact Durabond for specific information	

PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D7232-06	100%
Shore Hardness A	R. H.	83
Sound Dampening		<20 db
Suitable for Underfloor Heating		Yes
Abrasion Resistance	ASTM D4060	(-0.03g) C5-17/1000 rotations/ 1000g
Impact Strength	ASTM D4226	167 in./ lbs.
Residual Impression	ASTM D4226	0.05mm (360kg load)
Tensile Strength	ASTM F970	1,454 psi. (~ 10.0 N/mm ²)
Tensile Adhesion Strength	ASTM D4541	> 500 psi. (3.5 MPa) (failure of concrete)
Tear Strength	ASTM D624	153.36 lb./in. (~ 27 N/mm 14 days)
Elongation at Break	ASTM D412	195%
Crack Bridging Ability	ASTM C1305	Passed
Resistance to Fire	CAN/ULC S102.2	Flame Spread Rating (FSR): 150 Smoke Developed Classification (SDC): 190
Gloss Level	ASTM D-523	10 (60 Degree)
Coefficient of Friction	ANSI 326.3	0.6
Ball Bounce	EN 12235	98%

Packaging Durex® Komfort SUPER SPORT System is packaged separately per individual product. This product is available in multiple standard colours. Custom colour matching can also be attained at an additional cost. Please refer to the respective Durex® Komfort *Colour Selection Guide* for all available colour options.

Storage Conditions Store Durex® Komfort SUPER SPORT System in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials as ambient temperatures above 10 degrees C and below 35 degrees C. **KEEP FROM FREEZING.**

Surface Preparation Concrete substrate must be prepared to ICRI CSP 3. For best results surfaces shall be mechanically abraded and be sound, clean, properly prepared, and free from hydrostatic pressure and high levels of moisture vapour transmission. Do not apply this or any impermeable finish over an on-grade slab with moisture levels above 4% by weight (Durex® Epotel Moisture Block may be used for moisture content up to 6%, always consult your Durabond representative prior to use). Repair floor areas with Durex® Duracrete Trowel or Durex® Dur-A-Patch RS-45. Integral cove base shall be installed prior to flooring. Contact Durabond for any questions.

Application Durex® Komfort SUPER SPORT System is installed at a nominal 10 mm thickness; consisting of a special primer, Durex® Komfort Primer; a vertical point load absorbing rubber mat, Durex® Komfort Rubber Mat; a high-quality self leveling ergonomic layer (installed in 2 coats), Durex® Komfort Self Leveling; and a high-performance sealer Durex® Komfort Top Coat. A variety of top coat components can provide a solid or decorative colour scheme in, matte or eggshell. Slip resistance can be enhanced with the addition of Level 4, ultra fine anti-slip.

Step 1 PRIMER: Durex® Komfort Primer. Premix components A and B with a low-speed drill equipped with a non-air entraining paddle mixing blade for two minutes. Pour onto substrate in ribbons and apply with squeegee. Cut in with brush, and back roll with a short nap roller. Do not allow material to pond. Shall be applied to a thickness of 8 mils, but will vary depending upon the condition of the substrate.

Step 2 RUBBER SHOCK PAD: Within a 24-hour period, apply Durex® Komfort Rubbert Mat (6mm) using Komfort Poly Line adhesive to install. Unroll the Durex® Komfort Rubbert Mat and install into freshly applied adhesive. Install Durex® Komfort Rubber Mat with seams in solid continuous contact, do not compress the seams to prevent lifting of the rubber mat. After installed, roll over the rubber mat with a medium sized roller to ensure contact with substrate.

- Step 3** **PORE SEALER COAT:** Apply Durex® Komfort Pore Sealer at 10mils thick to seal the pores of the rubber mat. Refer to the respective Technical Data Sheet for mixing and application instructions. Once mixed, apply Durex® Komfort Membrane at a thickness of 10 mils.
- Step 4** **INTERMEDIATE COAT** Within 24 hours apply Durex® Komfort Self Leveling Flex at 3mn thick (120 mils). Refer to the respective Technical Data Sheet for mixing and application instructions. Once mixed, apply Durex® Komfort Self Leveling at a thickness of 3mm.
- Step 5** **TOP COAT:** Within a 24-hour period, apply Durex® Komfort Top Coat Matte (or recommended) refer to the respective Technical Data Sheet for mixing and application instructions. Apply two coats. For additional anti-slip add recommended slip resistant aggregate. Contact a Durabond Technical Representative for details.
- Step 6** **LINE MARKING:** Within a 24-hour period, apply Durex® Komfort Line Marking (or recommended) refer to the respective Technical Data Sheet for mixing and application instructions. Contact a Durabond Technical Representative for details or further line taping options.

Care Maintenance

Newly installed floors should be cured a minimum of 48 hours at 20°C (70°F) before wash-downs. Only warm water should be used to clean within the first week. If the use of a detergent is absolutely necessary during the first week, use a non-chlorine cleaner dissolved in water. Good housekeeping practices and regulated spill removal will prolong the service life of the floor. While polymer flooring often requires less maintenance than other finishes, cleaning and stain removal must be performed. Stains should be removed as soon as possible.

Limitations

Durex® Komfort ERGO SD System is impermeable. Test all concrete slabs on grade for moisture content. Product should only be installed if moisture content falls within an acceptable range. Minimum application temperature is 8°C (45°F). Below 15°C (62°F), handling characteristics are affected, and cure times are lengthened. Chemical exposure, service temperatures, mechanical abuse, and housekeeping influence service life. The project depending on chemical exposure may require Durex® Chemical Resistant Coatings. For installations exposed to UV, the self-leveling coat is to be replaced with a UV resistant coating. Please consult your Durabond Technical Representative for further details.

Health and Safety

Read and follow the Safety Data Sheet prior to use. Avoid contact with eyes and prolonged contact with skin. Wear protective clothing and face protection at all times while handling, mixing and applying the products. If contact occurs, flush immediately and seek medical advice if irritation occurs. Extremely harmful if swallowed. Keep product out of reach of children. Read published safety data sheets for additional information.

Warranty

Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.

Technical Services

Technical support is available upon request at info@durabond.com. For the latest version of this data sheet, please visit our website at www.durabond.com, call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Technical Coatings Ltd. sales representative.



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