

Durex® Acrotel Sport Court Basecoat

Flexible Waterproofing Primer for Acrotel Sports Court System

Description	Durex® Acrotel Sport Court Basecoat is a single component, waterborne acrylic copolymer high build waterproofing coating that functions as a basecoat for sport court applications.
Uses	Durex® Acrotel Sport Court Basecoat is a high-performance flexible coating that will waterproof substrates and has excellent adhesion to a variety of surfaces. It will bridge hairline cracks and move with substrate throughout a wide range of temperatures from -35°C to 80°C.
Ideal For	<ul style="list-style-type: none"> • Tennis courts • Bocce courts • Ice arenas
Features	<ul style="list-style-type: none"> • Low odour and VOCs • Low Tg, long lasting crack bridging in low and high temperatures • Penetrates and adheres to concrete and masonry substrates • Outstanding water ponding properties, with no water penetration • Excellent mildew and alkaline resistance • Waterborne, simple, clean and safe to handle • Non-flammable

TECHNICAL DATA

PHYSICAL PROPERTIES		
Colour	Pigmentable	
Resin Type	Acrylic copolymer	
Coverage	200 ft ² /gal @ 10 mils WFT (5 mils DFT)	
Drying Time @ 23°C (75°F), 55% RH	To touch/recoat: 1 hour Full cure: 7 days	
Min. Film Forming Temperature	10°C	
pH Level	8.5 – 9.5	
Reducer/Clean Up	Water	
PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D 7232-06	45-50% (vol.)/50-55% (wt.)
Specific Gravity	ASTM D 333	1.20 ± 0.10 g/L 10.50 ± 0.30 lb/gal
Water Vapour Transmission	ASTM D 6763-08	8.0 lb/in.
Tensile Strength	ASTM D 2370	140 psi @ 24°C/75°F
Elongation	ASTM D 2370	150% @ 18°C/0°F 350% @ 0°C/32°F 700% @ 24°C/75°F
Viscosity (Brookfield) 23°C (75°F)	ASTM D 2196	1000-4000 cps
Flexibility (Mandrel Bend)	ASTM D 522	1/2" Mandrel @ -34°C/-30°F 1/8" Mandrel @ -26°C/-15°F

Packaging	Durex® Acrotel Sport Court Basecoat is packaged in 18.9 L (5 gal) and 3.78 L (1 gal) kits.
Storage Conditions	Durex® Acrotel Sport Court Basecoat in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. KEEP FROM FREEZING.
Surface Preparation	Clean surfaces with a wire brush and/or power washer to remove dirt, loose materials and debris, and/or other materials deleterious to adhesion. Allow surfaces to thoroughly dry prior to applications. Fill cracks and holes, and retool mortar joints to provide a smooth uniform surface. Clean and remove paint back to the original surface. New concrete and masonry mortar should be allowed to cure for a minimum of 30 days. If the surface has been previously painted, the coating must be stripped and completely removed. Mechanical abrasion is recommended.
Application	Prepare a test patch to verify the effectiveness of the cleaning process, and to check product adhesion to the surface. Do not proceed with applications prior to, during, or after inclement weather conditions, or if adverse weather is anticipated within 24 hours after application. Use a good quality synthetic brush, roller or airless sprayer to apply an even coat of Durex® Acrotel Sport Court Basecoat. Maintain a wet edge to prevent overlap marks and gloss differences. Durex® Acrotel Sport Court Basecoat is designed to be applied in a two-part system as a primer/basecoat before applying Durex® Acrotel Sport Court Topcoat.
Health and Safety	Take suitable fire precautions. Use under well ventilated conditions with appropriate respirator approved for organic vapours and rubber gloves when handling the product. Avoid contact with eyes and prolonged contact with skin. If contact occurs, flush immediately with water and seek medical attention if irritation occurs. Harmful if swallowed. Do not induce vomiting. Drink 1-2 glass of water or milk. Keep product out of reach of children. Read published Material Safety Data Sheet 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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