

Durex® Komfort Self Leveling

Elastomeric Polyurethane Comfort Floor Self-Leveling Body Coat

Description	Durex® Komfort Self Leveling is a two-component, solvent-free, high solids elastomeric polyurethane self-leveling body coat specially formulated for comfort flooring surfaces. It is designed to work in conjunction with Durex® Komfort Membrane or as a direct applied coating for the Durex® Komfort ergonomic series of flooring systems.
Uses	Durex® Komfort Self Leveling is used as a resilient, self-leveling body coat for comfort floor systems. It can be applied overtop of Durex® Komfort Membrane or as a direct applied coating depending on the specified comfort floor system. To be top-coated with Durex® Polyuretel VOC or Durex® Acrutel 100 for sheen control and ultimate abrasion resistance.
Ideal For	<ul style="list-style-type: none"> • Hospitals & Medical Facilities • "Dry" Flooring Areas • Educational Facilities and Institutions • Theatres, Art Galleries, Museums, Recreational Buildings • Sounds absorbing requirement
Features	<ul style="list-style-type: none"> • Resilient self-leveling coating • Seamless • Elastomeric • Anti-Microbial • Does not harbour bacteria growth • Outstanding water impermeability sealing properties • Very low odour and zero VOCs • Potential LEED credits • Excellent water immersion properties • Non-Shrinking

TECHNICAL DATA

PHYSICAL PROPERTIES

Colour	Please see <i>Durex® Colour Selection Guide</i> for available colour options.
Resin Type	Polyurethane
Mix Ratio	As Supplied in Kit (Part A & B)
Cure Time @ 35-40°C	To touch: 4 hours To recoat: 8-12 hours
Pot Life @ 23°C	25 minutes
Coverage	4.5kg/ m ² @ 3mm thick
Recommended Film Thickness	2-4mm thick (depending on thickness)
Recycled Content	53%

PERFORMANCE PROPERTIES

PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D7232-06	100%
V.O.C.	ASTM D3960	0 g/L
Specific Gravity	ASTM D333	1.25 ± 0.05 g/L
Viscosity	ASTM D2196	4500 cps
Abrasion Resistance	ASTM D5178-91, CS-17 wheel	11 mg loss, 1000 g load, 1000 cycles
Tensile Strength	ASTM D412	2,200 psi
Tear Growth Strength	ISO 34-1	25N/mm
Elongation	ASTM D412	200%
Flexural Modulus	ASTM D522	2 mm film passes 12 mm mandrel
Shore Hardness (A)	ASTM D2240	85

Packaging	Durex® Komfort Self Leveling Elastomeric Polyurethane Traffic-Bearing Topcoat is packaged in 20kg kits. This product is available in multiple standard colours. Custom colour matching can also be attained at an additional cost. Please refer to the <i>Durex® Colour Selection Guide</i> for all available colour options.
Storage Conditions	Store Durex® Komfort Self Leveling in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. KEEP FROM FREEZING.
Surface Preparation	Maintain temperature in work areas to receive floor coating at a minimum of 10 degrees C for at least 24 hours before application, during application, and until coatings have fully cured. Substrate must be at least 10 degrees C and 3 degrees C above dew point prior to application. Provide adequate ventilation where flooring is being applied. Maintain a dust-free environment for duration of work. Erect suitable barriers to prevent through traffic or other trades from entering working area during installation of floor coating and to protect adjacent surfaces from damage. Allow 8 hours for Durex® Komfort Membrane or Durex® Komfort Primer to dry.
Mixing Instructions	Mixing shall be carried out in a clean, rust-free container, and mixed by a power drill at 400-500 rpm maximum. Do not mix Part A and Part B together until ready for application, only mix materials to be used within working time window. Mix the kit as provided in full. Mix Part A and Part B together slowly using a low-speed drill for a minimum of 5 minutes, ensuring that both components are thoroughly mixed and there is a consistent colour without any residue remaining on the sides of the pail. Extra care must be taken to avoid introducing air into the mixture.
Application	Apply Durex® Komfort Self Leveling at a uniform thickness of 3-4mm (or as specified) using a notched squeegee or trowel, immediately followed by spike rolling. Refer to respective Durex® Komfort Flooring system sheet for system installation instructions. Use wet film thickness gauge to measure and monitor material thickness. Topcoat with Durex® Polyuretel VOC or Acrutel 100 once cured.
Clean-up	Wash all tools and equipment immediately with mineral Xylene or solvent-based cleaner. Allow any unused product to harden in container and discard according to local regulations.
Limitations	Do not use Durex® Komfort Self Leveling if temperature is less than 10 degrees C. Always adhere to published recoating schedules to ensure coating adhesion.
Health and Safety	Use under well-ventilated conditions with appropriate respirator approved for organic vapours and rubber gloves when handling the product. Full eye and skin protection are required when using this product. Harmful if swallowed. Keep product out of reach of children. Read published Safety Data Sheet prior to use.
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.



HEAD OFFICE
55 Underwriters Road
Scarborough, ON M1R 3B4
T 416.759.4474 F 416.759.4470

MISSISSAUGA
6178 Netherhart Road
Mississauga, ON L5T 1B7
T 905.565.9283 F 905.565.9365

EDMONTON
14345 120th Avenue
Edmonton, AB T5L 2R8
T 780.451.6364 F 780.453.9056

INFO@DURABOND.COM

WWW.DURABOND.COM

1.877.DURABOND (387.2266)

V2.01