

Durex® Dur-A-Comfort Self Leveling

Elastomeric Polyurethane Comfort Floor Self-Leveling Body Coat

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| Description | Durex® Dur-A-Comfort 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® Dur-A-Comfort Membrane or as a direct applied coating for the Durex® Dur-A-Comfort ergonomic series of flooring systems. |
| Uses | Durex® Dur-A-Comfort Self Leveling is used as a resilient, self-leveling body coat for comfort floor systems. It can be applied overtop of Durex® Dur-A-Comfort Membrane or as a direct applied coating depending on the specified comfort floor system. To be top-coated with Durex® Polyuretel VOC for sheen control and ultimate abrasion resistance. |
| Ideal For | <ul style="list-style-type: none"> · Hospitals & Medical Facilities · “Dry” Flooring Areas · Schools and Institutions · Sounds absorbing requirements |
| Features | <ul style="list-style-type: none"> · Resilient self-leveling coating · Seamless. · Does not harbour bacteria growth · Outstanding water impermeability sealing properties · Very low odour and zero VOCs · Potential LEED credits · Excellent water immersion properties |

TECHNICAL DATA

PHYSICAL PROPERTIES

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| Colour | Please see <i>Durex® Colour Selection Guide</i> for available colour options. |
| Resin Type | Polyurethane |
| Mix Ratio | Part A (resin):Part B (urethane) 3.5:1 by volume |
| Cure Time @ 35-40°C | To touch: 4 hours To recoat: 6-8 hours |
| Pot Life @ 23°C | 25 minutes |
| Coverage | 13 ft ² /gal @ 120 mils (3mm) DFT |
| Recommended Film Thickness | 120 – 160 mils (3-4mm) |
| 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 Strength | ASTM D624 | 171 lb-lin.inch (30 KN/ lin. metre) |
| Elongation | ASTM D412 | 50% |
| Flexural Modulus | ASTM D522 | 2 mm film passes 12 mm mandrel |
| Low Temperature Flexibility | 1/8” Mandrel @ -26°C | Pass |
| Water Absorption | ASTM D570 | < 0.5% |
| Water Vapour Transmission | ASTM E96 | 0.29 metric perm |
| Shore Hardness | | 95 |
| Chemical Resistance | ASTM D543 | 30% NaOH = 0.40% 10% H ₂ SO ₄ = 0.45% 30% NaCl = 0.20% Diesel Fuel = 5.0% |

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| Packaging | Durex® Dur-A-Comfort Self Leveling Elastomeric Polyurethane Traffic-Bearing Topcoat is packaged in 18.9 L (5 gal) and 3.78 L (1 gal) kits, as well as bulk 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® Dur-A-Comfort Self Leveling Elastomeric Polyurethane Traffic-Bearing Topcoat 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® Dur-A-Comfort Membrane or Durex® Dur-A-Comfort 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 (3.5 parts by volume of Part 'A' resin with 1 part by volume of Part 'B' urethane). 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® Dur-A-Comfort Self Leveling Elastomeric Polyurethane Traffic-Bearing Topcoat at a uniform thickness of 3-4mm thick using a notched squeegee or trowel. Refer to respective Durex® Dur-A-Comfort Flooring system sheet for system installation instructions. Use wet film thickness gauge to measure and monitor material thickness. Topcoat with Durex® Polyuretel VOC 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® Dur-A-Comfort Self Leveling Elastomeric Polyurethane Traffic-Bearing Topcoat if temperature is less than 5 degrees C. Topcoat with Durex® Uraflex 375 UV Non-Yellowing Elastomeric Polyurethane Traffic-Bearing Topcoat for exterior or UV-exposed applications. 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. |

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