

Durex® Garbage Room Waterproofing System

Garbage Room Waterproofing Floor Coating System

Description	Durex® Garbage Room Waterproofing System is a high-performance waterproofing system designed for suspended-slab garbage rooms in most commercial, residential and institutional complexes. The system consists of an elastomeric membrane base coat, Durex® Uraflex 360NP Elastomeric Polyurethane Waterproofing Membrane, a polyurethane based silica sand double broadcasted to excess protective layer and an epoxy topcoat using Durex® Uraflex 100, a durable, chemically resistant coating.
Uses	Durex® Garbage Room Waterproofing System is intended for use on suspended-slab garbage rooms as a protective waterproofing system for medium-to-heavy-duty use in commercial, institutional and high-rise residential garbage rooms.
Ideal For	<ul style="list-style-type: none"> Garbage room areas Heavy-duty service rooms Equipment rooms
Features	<ul style="list-style-type: none"> Abrasion resistant and elastomeric Waterproofing membrane Potential LEED Credits Very low odour, minimal disturbance to tenants Durable and long lasting Easy to clean Protects from hairline cracks

TECHNICAL DATA

PHYSICAL CHARACTERISTICS

Colours	Please see <i>Durex® Colour Selection Guide</i> for available colour options.		
Coverage	Membrane	Uraflex 360NP	1.2 m ² /L (53 ft ² /gal) @ 30 mils
	Broadcast (x 2 coats)	Uraflex 100 Silica Sand #32 (broadcasted)	0.9 m ² /L (36 ft ² /gal) @ 35 mils DFT 5-10kg/m ² (1-2 lb/ft ²)
	Topcoat	Uraflex 100	4 m ² /L (160 ft ² /gal) @ 10 mils DFT

Service Temperature Range Min. 0°C/Max. 50°C/Quick Term 95°C

PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Compressive Strength @ 7 days	ASTM C579	9,000 psi
Tensile Strength	ASTM C307	2,100 psi
Flexural Strength	ASTM C580	850 psi
Bond Strength	ACI 503R	350 psi concrete fails
Thermal Coefficient of Expansion	ASTM D696	0.00635 mm/inch per 0°C (0.000025 in.)
Abrasion Resistance CS-17 wheel, 1 kg. load, 1000 rev.	ASTM D4060	35-45 mg maximum weight loss
Thermal Shock Resistance	ASTM C884	Passes
Water Absorption	ASTM C413	0.1%
Flammability	ASTM D635	Self-extinguishing
Impact Resistance	MIL D-3134F	1.5 ft/lb
Indentation	MIL D-3134F	3.6%
Coefficient of Friction	ASTM D1894-61T	0.4
Elongation (Uraflex 360NP)	ASTM D412	900%

Packaging	Durex® Garbage Room Waterproofing System 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® Garbage Room Waterproofing System in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. KEEP ABOVE 10 degrees C.
Surface Preparation	All surfaces such as concrete, wood and metal to be coated must be free of dirt, oils, and any other contaminants that may prevent proper adhesion of Durex® Garbage Room Waterproofing System. Treat all cracks in accordance to ASTM C1127. Pre-treat cracks up to 1/16 in. with Durex® Uraflex 360 Waterproofing Membrane or with an approved polyurethane sealant. For larger cracks, please refer to application instructions, specifications or consult with a Durabond Technical Representative. Prior to application of Durex® Uraflex 360 Waterproofing Membrane, concrete must be fully cured (28 days) or as deemed acceptable by a Durabond Technical Representative. Surface must be dry prior to application. Patch work and miscellaneous repairs are to be corrected with Durex® Dur-A-Patch RS-45 or approved alternative.
Application	<p>WATERPROOFING MEMBRANE: Durex® Uraflex 360NP Waterproofing Membrane is to be applied at a thickness of 30 wet mils to form an effective waterproofing membrane. Apply with a lint-free roller or squeegee. The use of a wet-mil film thickness gauge is required to verify applied material thickness. Typically, an overnight cure (12 hours) is sufficient time prior to application of the topcoat. Allow more time for dry and cool environmental conditions. Warm, humid environments will cure more rapidly. The use of a primer before installing Durex® Uraflex 360NP is recommended for porous substrates.</p> <p>BROADCAST: Broadcasted step is to be applied in two coats overtop of the cured Durex® Uraflex 360 within 24 hours after application. Premix Durex® Uraflex 100 components, blending parts A and B with a low-speed drill for two minutes. Once mixed, apply at a thickness of 35 mils. Immediately broadcast Silica Sand to excess 5-10 kg/m² (1-2 lbs per square foot). Use #32 Silica Sand as broadcasting medium. Allow to cure. Sweep and vacuum up loose aggregate. Repeat process.</p> <p>TOPCOAT: Durex® Uraflex 100 is to be applied once or twice at a thickness of 10 mils per using a 13 mm phenolic core roller or squeegee. Additional non-slip aggregate may be applied. It is to be broadcasted over the wet surface evenly at a rate of approximately 5 lbs of aggregate per gallon (0.5 kg per litre) if required. Back-roll the coating for a smooth, consistent finish while ensuring to encapsulate the aggregate. Note: Silica sand #32 is recommended as a non-slip aggregate.</p> <p><i>*** For UV Resistance replace final top coat with Durex® Polyuretel ***</i></p> <p>Allow a minimum of 48 hours prior to light foot traffic (5-35°C). Extended drying times must be accounted for in dry and/or cool environmental conditions. Please contact Durabond Technical Services for further assistance and recommendations of curing accelerators.</p>
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.
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 glasses 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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