

# 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 360 Elastomeric Polyurethane Waterproofing Membrane, an epoxy based silica sand double broadcasted to excess protective layer and an epoxy topcoat using Durex® Epotel GSC or Durex® Epotel Novolac, 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**
- Garbage room areas
  - Heavy-duty service rooms
  - Equipment rooms
- Features**
- 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

<b>Colours</b>	Please see <i>Durex® Colour Selection Guide</i> for available colour options.		
<b>Coverage</b>	<b>Membrane</b>	Uraflex 360	1.2 m <sup>2</sup> /L (50 ft <sup>2</sup> /gal) @ 32 mils
	<b>Broadcast (x 2 coats)</b>	Epotel GSC or Epotel Novolac Silica Sand #32 ( <i>broadcasted</i> )	0.9 m <sup>2</sup> /L (36 ft <sup>2</sup> /gal) @ 35 mils DFT 5-10kg/m <sup>2</sup> (1-2 lb/ft <sup>2</sup> )
	<b>Topcoat</b>	Epotel GSC or Epotel Novolac	4 m <sup>2</sup> /L (160 ft <sup>2</sup> /gal) @ 10 mils DFT

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

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

<b>Packaging</b>	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.
<b>Storage Conditions</b>	Store Durex® Garbage Room Waterproofing System in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. <b>KEEP ABOVE 10 degrees C.</b>
<b>Surface Preparation</b>	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 EP or approved alternative. Durex® Reinforcing Fibreglass Mesh is to be used over high movement areas.
<b>Application</b>	<p><b>WATERPROOFING MEMBRANE:</b> Durex® Uraflex 360 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 360 is strongly recommended.</p> <p><b>BROADCAST:</b> Broadcasted step is to be applied in two coats overtop of the cured Durex® Uraflex 360 within 24 hours after application. Premix Durex® Epotel GSC 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/m<sup>2</sup> (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><i>*** For additional chemical resistance, use Durex® Epotel Novolac in replacement of Durex® Epotel GSC ***</i></p> <p><b>TOPCOAT:</b> Durex® Epotel GSC 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. <b>Note:</b> Silica sand #32 is recommended as a non-slip aggregate.</p> <p><i>*** For additional chemical resistance, use Durex® Epotel Novolac in replacement of Durex® Epotel GSC. For UV Resistance replace final top coat with Durex® Durathane 90 or 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>
<b>Clean-Up</b>	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.
<b>Health and Safety</b>	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.
<b>Warranty</b>	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.
<b>Technical Services</b>	Technical support is available upon request at <a href="mailto:info@durabond.com">info@durabond.com</a> . For the latest version of this data sheet, please visit our website at <a href="http://www.durabond.com">www.durabond.com</a> , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Technical Coatings Ltd sales representative.

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