

# Durex® Heavy-Duty Garbage Room

## Heavy-Duty Garbage Room Waterproofing Floor Coating System

<b>Description</b>	Durex® Heavy-Duty Garbage Room Waterproofing System is a very high-performance waterproofing system designed for suspended-slab high-traffic 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, Durex® Duracrete Troweled Mortar Epoxy System and a durable, chemically resistant topcoat.
<b>Uses</b>	Durex® Heavy-Duty Garbage Room Waterproofing System is intended for use on suspended-slab garbage rooms that receive heavy traffic and abnormal rates of wear. The system is used as a protective waterproofing system for light-to-medium use commercial, institutional and high-rise residential garbage rooms.
<b>Ideal For</b>	<ul style="list-style-type: none"> <li>· Very heavily used garbage room areas</li> <li>· Extra heavy-duty service rooms</li> <li>· Heavily used equipment rooms</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>· Outstanding abrasion-resistant and elastomeric properties</li> <li>· Waterproofing membrane</li> <li>· Potential LEED Credits</li> <li>· Very low odour, minimal disturbance to tenants</li> <li>· Durable and long lasting</li> <li>· Easy to clean</li> <li>· Very thick build troweled epoxy coating system</li> <li>· Protects from hairline cracks</li> <li>· Protects from wear from heavy bins and wheels</li> </ul>

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

<b>Colours</b>	Please see <i>Durex® Colour Selection Guide</i> for available colour options.		
<b>Coverage</b>	<b>Membrane</b>	Durex® Uraflex 360	1.2 m <sup>2</sup> /L (50 ft <sup>2</sup> /gal) @ 32 mils
	<b>Trowel Mortar</b>	Durex® Epotel TL	2.4L Liquids Kit
	<i>(Durex® Epotel TL + Durex® Duracrete Aggregate)</i>	Durex® Duracrete Aggregate	15kg dry aggregate (18 SF @ ¼)
	<b>Grout Coat</b>	Durex® Epotel GSC Or Durex® Epotel Novolac	1.5-2 m <sup>2</sup> /L (80-120 ft <sup>2</sup> /gal) @ 15-20 mils WFT
	<b>Topcoat</b>	Durex® Epotel GSC Or Durex® Epotel Novolac	2-3 m <sup>2</sup> /L (120-160 ft <sup>2</sup> /gal) @ 10-15 mils WFT
<b>Service Temperature Range</b>	Min. 0°C/Max. 50°C/Quick Term 95°C		

PERFORMANCE CHARACTERISTICS	TEST METHOD	RESULTS
<b>Compressive Strength @ 7 days</b>	ASTM C579	12,000 psi
<b>Tensile Strength</b>	ASTM C307	1,100 psi
<b>Flexural Strength</b>	ASTM C580	4,250 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	16 foot-pounds concrete fractures
<b>Indentation</b>	MIL D-3134F	No indentation

<b>Packaging</b>	Durex® Heavy-Duty Garbage Room Waterproofing System is packaged in pre-measured. 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® Heavy-Duty Garbage Room Waterproofing System in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. <b>KEEP FROM FREEZING.</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® Heavy-Duty Garbage Room Waterproofing System. Pre-treat cracks as per ASTM C1127. 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 ASTM C1127 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 Durex® Duracrete Trowel or approved alternative.
<b>Application</b>	<p><b>WATERPROOFING MEMBRANE:</b> Durex® Uraflex 360 Waterproofing Membrane is to be applied at a thickness of 32 wet mils to form an effective waterproofing membrane. Apply with a notched 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. Ensure that the product is slightly tacky to the touch prior to installation of the topcoat. Apply a subsequent coat of Durex® Uraflex 360 at 15 mils thickness and broadcast silica sand to rejection (full coverage) to facilitate adhesion with trowelled epoxy mortar.</p> <p><b>TROWELED EPOXY MORTAR:</b> Epoxy Mortar step is to be applied overtop of the cured Durex® Uraflex 360 within 24 hours after application. Premix Durex® Epotel TL components, blending parts A and B with a low-speed drill for two minutes. Fill mortar mixer or KOL-type mixer with Durex® Epotel TL liquids and add Durex® TL Aggregate as per kit provided. Mix for an additional one to two minutes until all materials are thoroughly wetted. Screed to level, and finish by hand or power trowel. Allow to cure. If using seal coats, grind out ridges or trowel marks as necessary and vacuum debris completely.</p> <p><b>GROUT COAT:</b> Premix Epotel GSC components, then blend coating components A and B for two minutes. Pour onto floor, distribute with a notched squeegee, and lightly back-roll with a lint-free roller to smooth out roller marks, applying the materials at 15-20 mils WFT.</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 twice at a thickness of 10 mils per using a 13 mm phenolic core roller or squeegee. 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.

# DURABOND

Technical Coatings Ltd

**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 120<sup>th</sup> Avenue  
Edmonton, AB T5L 2R8  
T 780.451.6364 F 780.453.9056

[INFO@DURABOND.COM](mailto:INFO@DURABOND.COM)

[WWW.DURABOND.COM](http://WWW.DURABOND.COM)

1.877.DURABOND (387.2266)

V2.01