



Protect. Enhance. Outperform.

Durex[®] **Traffic Bearing** **Waterproofing Systems**

Protective & Decorative Systems

DURabond
TECHNICAL COATINGS LTD

Durex® Traffic Bearing Waterproofing Systems

Innovative Solutions for Uncompromised Protection

Durex® Technical Coatings offer a comprehensive line of professional grade liquid applied fast curing acrylic, epoxy and urethane based protective coating systems for both exterior and interior applications. System applications include advanced single component and multi component system options.

Durex® Technical Coatings and finishing products provide superior protection for Exterior Walls and exposed Structural Steel and/or Concrete.

Made for a 12 Month Construction Season

Meeting today's demanding construction schedule requires the use of materials that can be applied regardless of temperature. Contractors and Construction Managers look to Durabond for solutions for cold temperature applications. Designed and tested for applications as low as -20° C, liquid applied and low in VOC's protective coatings by Durabond are made for the 12 month construction season.

Environmentally Friendly Products for Our Future

Durex® Technical Coatings are formulated and manufactured to high standards of quality control with safety, and the environment in mind. With both Zero and low in VOC's water based options; Durex® Technical Coatings provide a tough, durable and resilient protective barrier without hurting our environment.

Engineered for Today's Most Demanding Applications

Design Professionals, Engineers, Building Owners, and Contractors look to Durabond for solutions to provide year round protection against the damaging effects of harsh weather and water intrusion. Durex® Technical Coatings are high quality, easy to apply, protective coatings systems for multiple applications including balconies, floors, structural elements as well as exterior walls to provide tough, durable, long term cost effective solutions.



Available Solutions

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Durex® Uraflex Traffic Bearing Waterproofing System

Polyurethane Elastomeric Traffic Bearing Waterproofing System for Vehicular Parking Decks



DUREX® URAFLEX TRAFFIC BEARING WATERPROOFING SYSTEM is a high-performance parking & vehicular deck protective coating system consisting of an elastomeric membrane, Durex® Uraflex 360 and a highly abrasion resistant topcoat, Durex® Uraflex 361. Durex® Uraflex Traffic Bearing Waterproofing System is engineered to waterproof and protect concrete slabs from harsh environmental conditions and salt contamination. The system is formulated with a combination of highly elastomeric polyurethane technology allowing the system to bridge post application cracks and a durable, aggregate laden topcoat to withstand heavy vehicular traffic.

USES Durex® Uraflex Traffic Bearing Waterproofing System is intended for use as a protective waterproofing parking deck coating system for the protection of concrete slabs in parking structures, pedestrian walkways and plaza decks.

SYSTEM DESCRIPTION	COATING COMPONENTS			
	PRIMER	MEMBRANE	1° TOP COAT	2° TOP COAT
Parking Stalls Light Vehicular & Pedestrian	Uraflex Primer	Uraflex 360	Uraflex 361 (aggregates 10 - 15 Lbs/100 SF)	Not Required
<i>System Thickness: 38 Mils</i>	<i>DFT: 8 mils</i>	<i>DFT: 20 mils</i>	<i>DFT: 18 mils</i>	-
Drive Aisles Heavy Vehicular Use	Uraflex Primer	Uraflex 360	Uraflex 361 (aggregates 30 - 45 Lbs/100 SF)	Not Required
<i>System Thickness: 45 Mils</i>	<i>DFT: 8 mils</i>	<i>DFT: 20 mils</i>	<i>DFT: 25 mils</i>	-
Turning Lanes & Ramps Extra Heavy Vehicular Use	Uraflex Primer	Uraflex 360	Uraflex 361 (aggregates 50 - 75 Lbs/100 SF)	Uraflex 362 (5 - 10 Lbs/100 SF)
<i>System Thickness: 56 Mils</i>	<i>DFT: 8 mils</i>	<i>DFT: 20 mils</i>	<i>DFT: 18 mils</i>	<i>DFT: 18 mils</i>

* Use Uraflex 375UV for areas exposed to UV radiation (light).



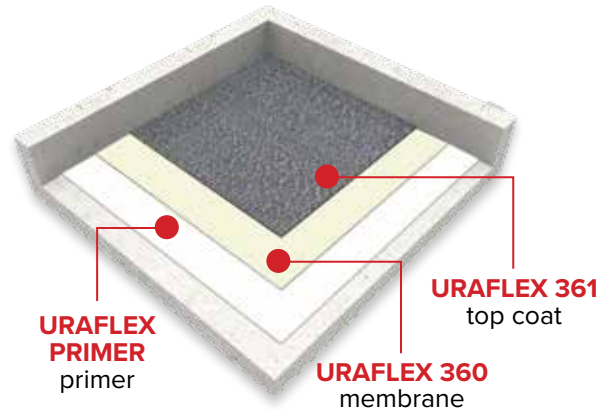
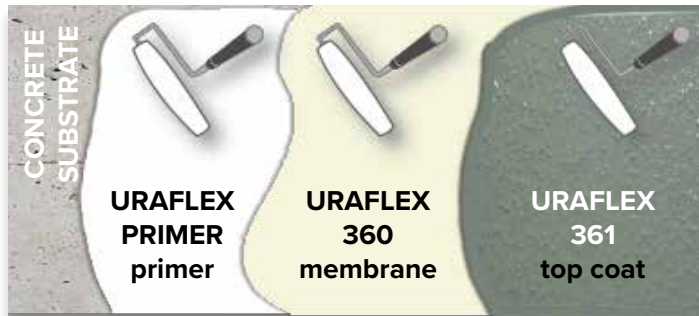
Durex® Uraflex Traffic Bearing Waterproofing System

Polyurethane Elastomeric Traffic Bearing Waterproofing System for Vehicular Parking Decks



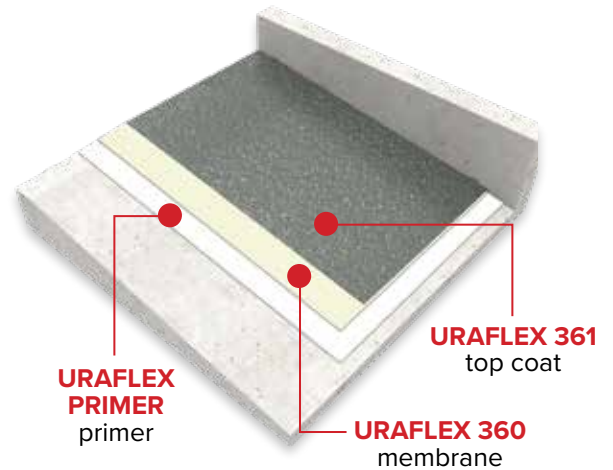
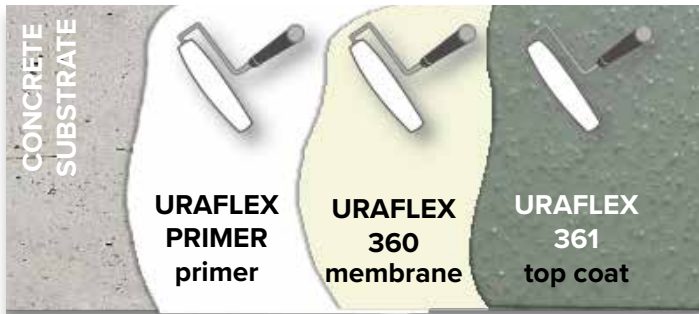
PARKING STALLS

Light Vehicular & Pedestrian



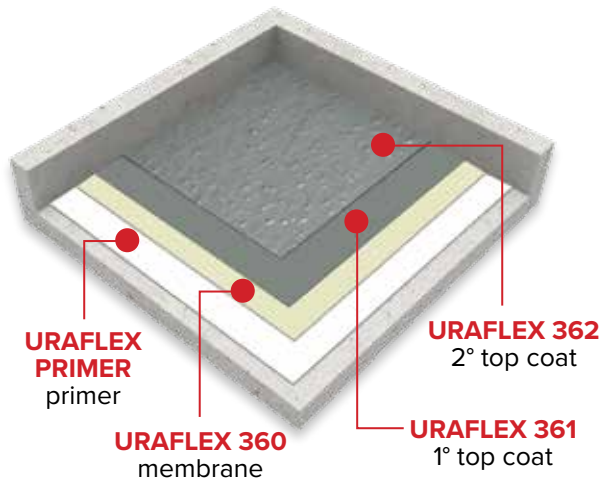
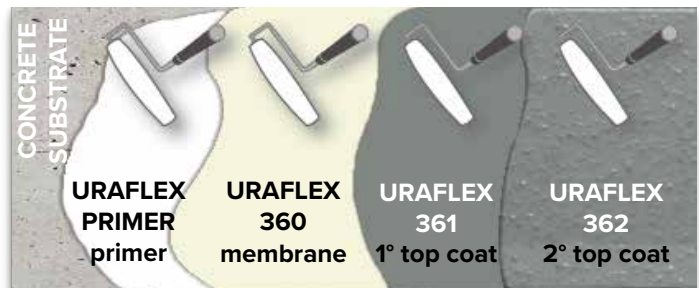
DRIVE AISLES

Heavy Vehicular Use



TURNING LANES & RAMPS

Extra Heavy Vehicular Use



* Topcoat with Uraflex 375UV for areas exposed to UV radiation (light)

Durex® Dur-A-Fast Traffic Bearing Waterproofing System

Rapid Return to Service, High Abrasion Resistant PMMA Based Traffic Bearing Waterproofing System



Ideal For

- Parking Decks & Structures
- Turn and Drive Lanes, and Helical Turn Ramps

When to use

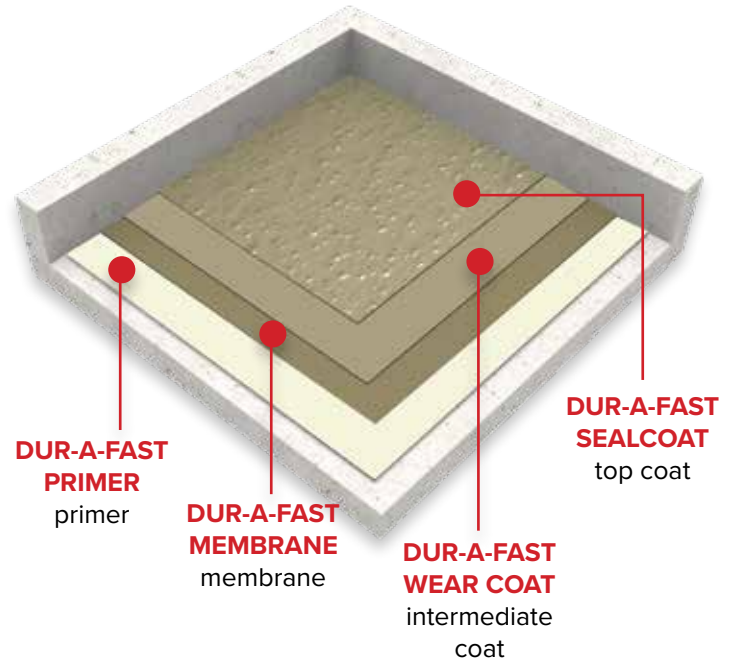
- Rapid Turn Around
- High Performance Durability
- Very High Adhesion & Abrasion Resistance

Features

- PMMA Technology
- Very Effective Waterproofing Membrane - 100% Solids
- Extra High Traffic Bearing Surface
- Very High Build
- Long Product Shelf Life
- Return to Service 1 Hour after Final Coat

Colour Availability

- Tinted



COMPONENT	PRODUCT	WFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER	Dur-A-Fast Primer	10 mils	160 ft ² /Gal	10°C to 35°C
MEMBRANE	Dur-A-Fast Membrane	80 mils	20 ft ² /Gal	10°C to 35°C
INTERMEDIATE COAT	Dur-A-Fast Wearcoat + Broadcast Aggregate*	65 mils	25 ft ² /Gal	10°C to 35°C
TOP COAT	Dur-A-Fast Sealcoat	20 mils	80 ft ² /Gal	10°C to 35°C

* Broadcast silica sand to refusal



Durex® Dur-A-Fast Extreme Traffic Bearing Waterproofing System

Rapid Return to Service, High Abrasion Resistant PMMA Based Traffic Bearing Waterproofing System for Extreme Duty Applications



Ideal For

- Parking Decks & Structures subject to extreme abuse and wear
- Exposed Decks and areas subject to snow removal or equipments that impart extreme wear

When to use

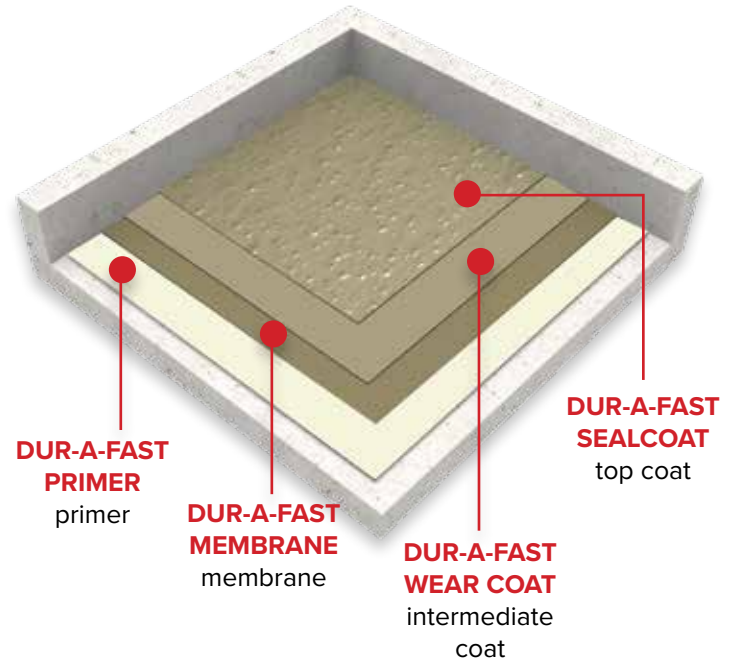
- Rapid Turn Around
- Extreme Performance & Abrasion Resistance

Features

- PMMA Technology
- Seamless Waterproofing System
- Extreme Abrasion Resistance
- Withstands Snow Plow Blades and Service
- Return to Service 1 Hour after Final Coat

Colour Availability

- Tinted



COMPONENT	PRODUCT	WFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER	Dur-A-Fast Primer	10 mils	160 ft ² /Gal	10°C to 35°C
MEMBRANE	Dur-A-Fast Membrane	80 mils	20 ft ² /Gal	10°C to 35°C
INTERMEDIATE COAT	Dur-A-Fast Wearcoat + Broadcast with Aluminum Oxide*	100 mils	16 ft ² /Gal	10°C to 35°C
TOP COAT	Dur-A-Fast Sealcoat	20 mils	80 ft ² /Gal	10°C to 35°C

* Broadcast aluminum oxide to refusal



Durex® Uraflex Mechanical Room Waterproofing System

Mechanical Rooms, Sensitive Equipment Rooms, and Server Rooms



Ideal For

- Mechanical Rooms
- Sensitive Equipment Rooms
- Server Rooms

When to use

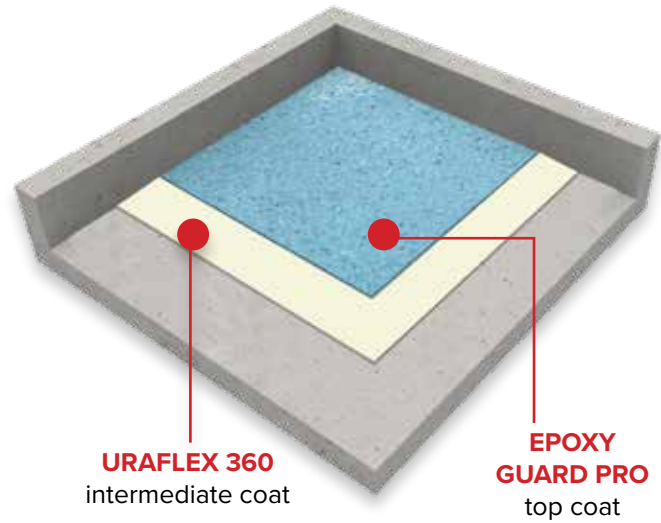
- Suspended Slab Mechanical Rooms With No Floors Below

Features

- Two Component Odour-Free Coatings and Very Low VOC
- Very Effective Waterproofing Membrane- 100% Solids
- Sound Deadening Properties

Colour Availability

- Tinted



COMPONENT	PRODUCT	DFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER <i>OPTIONAL</i>	See Primer Options Chart	-	-	-
MEMBRANE	Uraflex 360	32 mils	50 ft ² /Gal	10°C to 35°C
TOP COAT	Epoxy Guard Pro	5 mils	250 ft ² /Gal	10°C to 35°C



Durex® Uraflex Heavy Duty Mechanical Room Waterproofing System

High Traffic Mechanical Rooms, Sensitive Equipment Rooms, and Server Rooms



Ideal For

- High Traffic Mechanical Rooms, Sensitive Equipment Rooms, and High Traffic Server Rooms

When to use

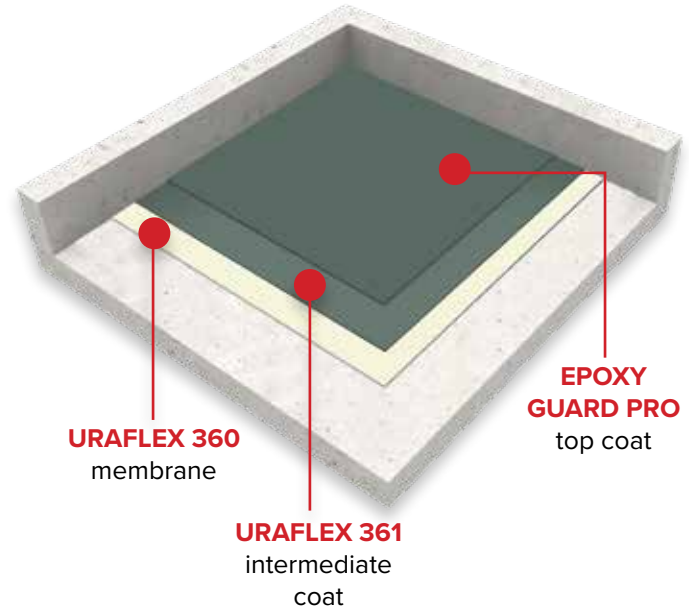
- Heavily Used Mechanical Rooms

Features

- Highly abrasion resistant and elastomeric
- Potential LEED Credits
- VOC free
- Extremely durable and long-lasting
- Easy to clean
- Protects from hairline cracks

Colour Availability

- Tinted



COMPONENT	PRODUCT	DFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER <i>OPTIONAL</i>	See Primer Options Chart	-	-	-
MEMBRANE	Uraflex 360	32 mils	50 ft ² /Gal	10°C to 35°C
INTERMEDIATE COAT	Uraflex 361	18 mils	90 ft ² /Gal	10°C to 35°C
TOP COAT	Epoxy Guard Pro	5 mils	250 ft ² /Gal	10°C to 35°C



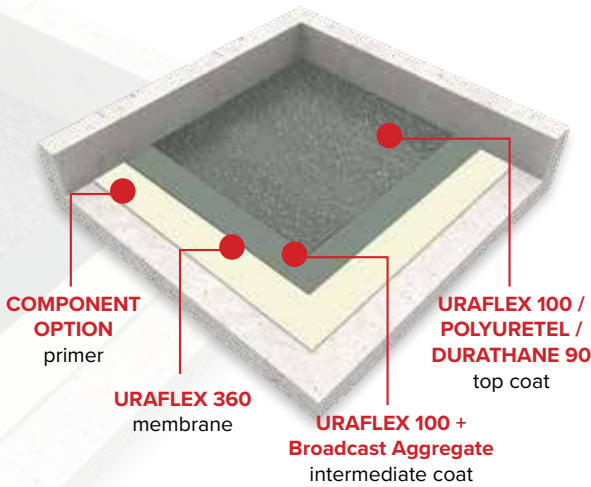
Durex® Uraflex Garbage Room Waterproofing System

Garbage Storage Rooms & Apartment Complexes

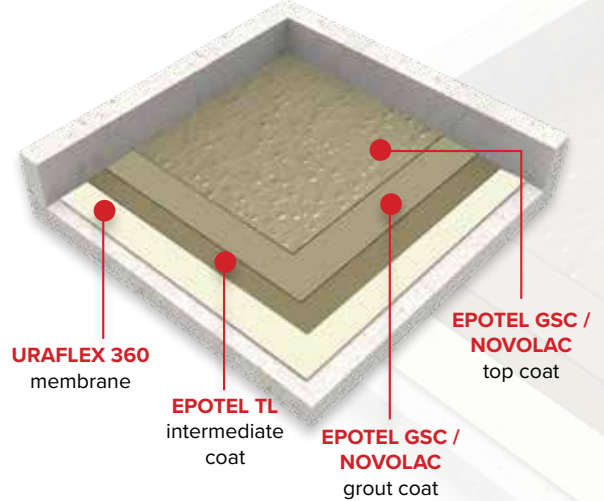


Durex® Uraflex Garbage Room Waterproofing System is high performance uraflex system for high traffic traffic and load bearing floors. Perfect for garbage storage and disposal rooms, heavy equipment rooms, and apartment disposal areas. This system features two-component, odour-free coatings and very low VOC, and provides superior protection against extreme abrasion.

Uraflex Garbage Room Waterproofing System



Uraflex Heavy Duty Garbage Room Waterproofing System

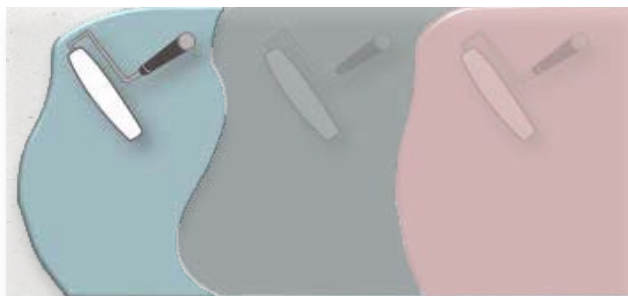


SYSTEM DESCRIPTION	COATING COMPONENTS				
	PRIMER	MEMBRANE	INTERMEDIATE COAT	GROUT COAT	TOP COAT
Uraflex Garbage Room Waterproofing System	See Chart on Page 11	Uraflex 360	Uraflex 100 + Broadcast Aggregate	Not Required	Uraflex 100 / Polyuretel / Durathane 90
<i>System Thickness: 1/8"</i>	-	<i>DFT: 32 mils @ 50 ft²/Gal</i>	<i>DFT: 35 mils + 1/16" @ 45 ft²/Gal</i>	N/A	<i>DFT: 10 mils @ 160 ft²/Gal</i>
Uraflex Heavy Duty Garbage Room Waterproofing System	Not Required	Uraflex 360	Epotel TL + Trowel Aggregate	Epotel GSC / Novolac	Epotel GSC / Novolac
<i>System Thickness: 1/4"</i>	-	<i>DFT: 32 mils @ 50 ft²/Gal</i>	<i>DFT: 1/4" @ 35 ft²/Gal</i>	<i>DFT: 10 - 20 mils @ 80 - 160 ft²/Gal</i>	<i>DFT: 10 mils @ 160 ft²/Gal</i>

Traffic Bearing Floor Coating Options

Use this chart to choose the necessary components for the performance requirements of your system.

Primer Options



Top Coat Options



PRIMER OPTION	ADVANTAGES / USE
Epotel Moisture Block	<p>Advantage: Moisture Mitigating (Blocking) Primer</p> <p>Use: For Concrete Slabs with high moisture content and freshly poured slabs (over 14 days old).</p> <p>Coverage: 72 ft²/Gal @22 mils 95 ft²/Gal @17 mils</p>
Uraflex Citrus Primer	<p>Advantage: Penetrating Primer that adheres to oil and similar contaminants</p> <p>Use: For oil or grease contaminated floors</p> <p>Coverage: 200 ft²/Gal @6 mils DFT</p>
Epotel Multi-Prime	<p>Advantage: Penetrating Primer. VOC Free</p> <p>Use: For better adhesion onto concrete</p> <p>Coverage: 200 ft²/Gal @8 mils DFT</p>
Epotel 80	<p>Advantage: Solvent Based Penetrating Primer</p> <p>Use: For better adhesion onto concrete</p> <p>Coverage: 250 ft²/Gal @7 mils DFT 400 ft²/Gal @4 mils DFT</p>

TOP COAT OPTION	ADVANTAGES / USE
Uraflex 375UV	<p>Advantage: Durable, abrasion resistant, UV stable top coat for traffic bearing waterproofing system</p> <p>Use: For all UV exposed traffic bearing surfaces</p> <p>Coverage: 107 - 160 ft²/Gal @ 10 - 15 mils DFT</p>

Traffic Bearing Waterproofing Systems

System Description

Uses / Features

Isometric

Applicable Substrates

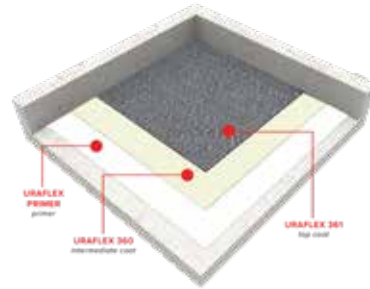
Light Vehicular (Parking Stalls) & Pedestrian Traffic Bearing Waterproofing System

Two Component
Light Build & Very Low VOC

System Thickness: 38 Mils

- Walkways & Foot Bridges
- Mechanical Rooms
- Balconies
- Stadiums, Arenas, Plaza, Patios, Roof Decks
- Parking Stalls

- Very Effective Waterproofing Membrane - 100% Solids
- Long Product Shelf Life
- Custom Colours Available



- Wood
- Concrete

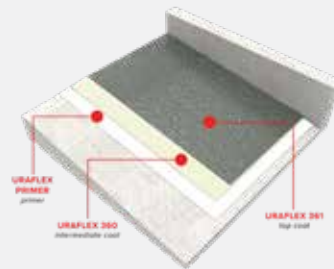
Heavy Vehicular (Drive Isles) Traffic Bearing Waterproofing System

Two Component
Medium Build & Very Low VOC

System Thickness: 45 Mils

- Multi Storey Parking Garages and Parking Decks
- Commercial Parking Garages, Driving Lanes

- Very Effective Waterproofing Membrane - 100% Solids
- High Traffic Bearing Surface
- Long Product Shelf Life
- Custom Colours Available



- Wood
- Concrete

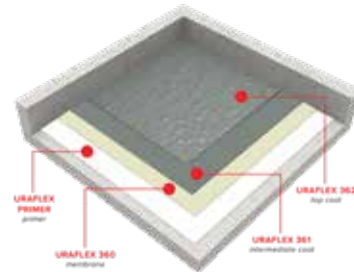
Extra Heavy Vehicular (Turning Lanes & Ramps) Traffic Bearing Waterproofing System

Two Component
High Build & Very Low VOC

System Thickness : 56 Mils

- Multi-Storey Parking Garages
- Parking Decks
- TURNING LANES & RAMPS
- Extreme Use Stadium Ramps
- Very High Volume Commercial Parking Garages, and Loading Docks

- Very Effective Waterproofing Membrane - 100% Solids
- Extra High Traffic Bearing Surface
- Long Product Shelf Life
- Custom Colours Available



- Wood
- Concrete

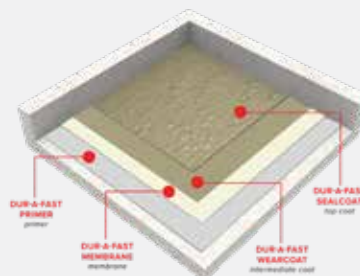
Dur-A-Fast Traffic Bearing Waterproofing System

PMMA Based Traffic Bearing Waterproofing System

System Thickness : 56 Mils

- Parking Decks & Structures
- Turn and Drive Lanes
- Helical Turn Ramps

- PMMA Technology
- Very Effective Waterproofing Membrane - 100% Solids
- Extra High Traffic Bearing Surface
- Very High Build
- Long Product Shelf Life
- Custom Colours Available



- Wood
- Concrete

Primer	Membrane	1st Topcoat	2nd Topcoat	Pedestrian Traffic	Vehicle Traffic	Anti Slip	Chem. Res.	UV Res.	Initial Dry	Final Cure	Tint	Temp. Range
Uraflex Primer DFT: 8 mils	Uraflex 360 DFT: 20 mils	Uraflex 361 (aggregates 10 - 15 Lbs/100 SF) DFT: 18 mils	N/A	Medium	Light Duty	✓	Very Good	N/A*	8 Hours	1 Day	✓	10°C to 35°C
Uraflex Primer DFT: 8 mils	Uraflex 360 DFT: 20 mils	Uraflex 361 (aggregates 30 - 45 Lbs/100 SF) DFT: 25 mils	N/A	High	Heavy Duty	✓	Very Good	N/A*	8 Hours	1 Day	✓	10°C to 35°C
Uraflex Primer DFT: 8 mils	Uraflex 360 DFT: 20 mils	Uraflex 362 (aggregates 50 - 75 Lbs/100 SF) DFT: 18 mils	Uraflex 362 (aggregates 5 - 10 Lbs/100 SF) DFT: 18 mils	Extreme	Extra Heavy Duty	✓	Very Good	N/A*	8 Hours	2 Days	✓	10°C to 35°C
Dur-A-Fast Primer WFT: 10 mils	Dur-A-Fast Membrane DFT: 80 mils	Dur-A-Fast Wear Coat DFT: 65 mils	Dur-A-Fast Sealcoat DFT: 20 mils	Very High	Heavy Duty	✓	Very Good	N/A*	8 Hours	2 Days	✓	10°C to 35°C

Traffic Bearing Waterproofing Systems

URAFLEX

MECHANICAL & GARBAGE ROOM

System Description

Uses / Features

Isometric

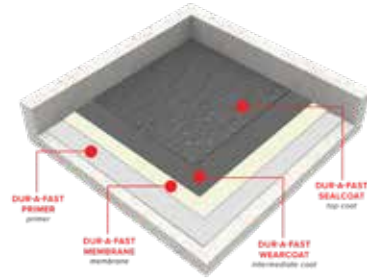
Applicable Substrates

Dur-A-Fast Extreme Traffic Bearing Waterproofing System

Heavy Duty PMMA Based Traffic Bearing Waterproofing System

System Thickness : 56 Mil

- Parking Decks & Structures subject to extreme abuse
 - Exposed Decks
 - Areas subject to snow removal or tools that impart extreme wear
-
- PMMA Technology
 - Seamless Waterproofing System
 - Extreme Abrasion Resistance
 - Withstands Snow Plow Blades and Service
 - Return to Service 1 Hour after Final Coat

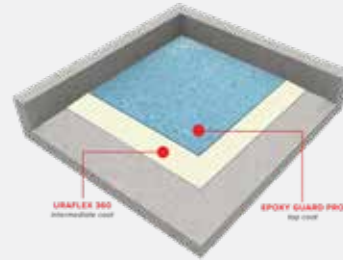


- Wood
- Concrete

Uraflex Mechanical Room Waterproofing System

System Thickness: 38 - 45 Mil

- Mechanical Rooms
 - Sensitive Equipment Rooms
 - Server Rooms
-
- Two Component Odour-Free Coatings and Very Low VOC
 - Very Effective Waterproofing Membrane- 100% Solids
 - Sound Deadening Properties

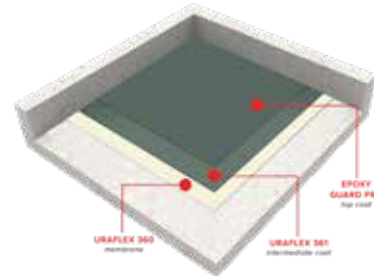


- Wood
- Concrete

Uraflex Heavy Duty Mechanical Room Waterproofing System

System Thickness: 55 Mil

- High Traffic Mechanical Rooms
 - High Traffic Equipment Rooms
 - High Traffic Server Rooms
-
- Highly abrasion resistant and elastomeric
 - Potential LEED Credits
 - VOC free
 - Extremely durable & long-lasting
 - Protects from hairline cracks

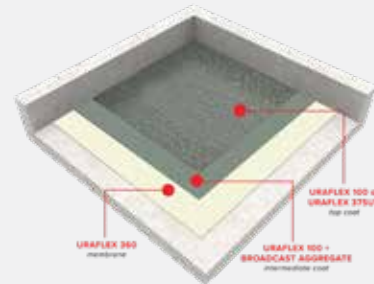


- Wood
- Concrete

Uraflex Garbage Room Waterproofing System

System Thickness : 1/8"

- Garbage Rooms
 - Heavy Duty Service Rooms
 - Equipment Rooms
-
- Two Component Odour-Free Coatings & Very Low VOC
 - Very Effective Waterproofing Membrane- 100% Solids
 - Sound Deadening Properties
 - Extremely Durable

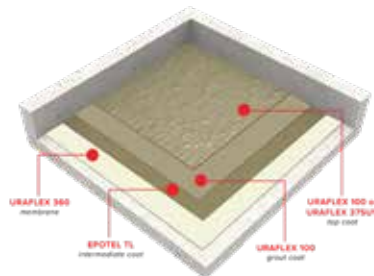


- Wood
- Concrete

Uraflex Heavy Duty Garbage Room Waterproofing System

System Thickness : 1/4"

- Very High Traffic Garbage Rooms
 - Heavily Used Equipment Rooms
 - High Traffic Service Rooms
-
- Two Component Odour-Free Coatings & Very Low VOC
 - Very Effective Waterproofing Membrane- 100% Solids
 - High Traffic Bearing & Loading Surface
 - Superior Protection



- Wood
- Concrete

Primer	Membrane	1st Topcoat	2nd Topcoat	Pedestrian Traffic	Vehicle Traffic	Anti Slip	Chem. Res.	UV Res.	Initial Dry	Final Cure	Tint	Temp. Range
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Dur-A-Fast Primer WFT: 10 mils	Dur-A-Fast Membrane DFT: 80 mils	Dur-A-Fast Wear Coat DFT: 100 mils	Dur-A-Fast Sealcoat DFT: 20 mils	Extreme	Extra Heavy Duty	✓	Very Good	N/A*	8 Hours	2 Days	✓	10°C to 35°C
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Primer Options	Uraflex 360 DFT: 32 mils	Epoxy Guard Pro DFT: 5 mils	N/A	Low	N/A	✓	N/A	N/A	8 Hours	2 Days	✓	10°C to 35°C
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Primer Options	Uraflex 360 DFT: 32 mils	Uraflex 361 DFT: 18 mils	Epoxy Guard Pro DFT: 5 mils	High	Medium	✓	N/A	N/A	8 Hours	2 Days	✓	10°C to 35°C
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Primer Options	Uraflex 360 DFT: 32 mils	Uraflex 100 + Broadcast Aggregate DFT: 35 mils + 1/16"	Uraflex 100 / Uraflex 375UV DFT: 10 mils	High	Low	✓	N/A	N/A	8 Hours	2 Days	✓	10°C to 35°C
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N/A	Uraflex 360 DFT: 32 mils	Epotel TL + Duracrete Aggregate + Uraflex 100 (grout coat) DFT: 1/4"	Uraflex 100/ Uraflex 375UV DFT: 10 mils	High	High	✓	N/A	N/A	8 Hours	2 Days	✓	10°C to 35°C
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Find our system brochures online or
ask your Durabond Representative



www.durabond.com

DURabond
TECHNICAL COATINGS LTD

Head Office

6178 Netherhart Road, Mississauga, Ontario Canada L5T 1B7
Tel 905.565.9283 Fax 905.565.9365 info@durabond.com

Scarborough Office

55 Underwriters Road, Scarborough, Ontario Canada M1R 3B4
Tel 416.759.4474 Fax 416.759.4470 info@durabond.com

Edmonton Office

14345 120th Avenue, Edmonton, Alberta Canada T5L 2R8
Tel 780.451.6364 Fax 780.453.9056 info@durabond.com

Toll Free (North America): 1.877.387.2266

The recommendations and information in this chart/document are for the application of Durex® products manufactured by Durabond, and are based on practical knowledge for general site conditions and uses. This chart is to be used as a reference guide only to identify and display the various products for general, non-site specific applications for a variety of installations. Differences in site conditions, preparations, materials are continuously variable and unknown.

As such, no warranty, guarantee or legal binding relationship is implied whatsoever with these products and systems and no guarantee can be made to their performance. In addition, preparation and condition of the substrate is of such utmost importance that a Durabond Technical Representative must be notified prior to installation of any of the aforementioned products and/or systems.

An installer must always prepare the surface to the recommendations found on the current data sheet of each product written and produced by Durabond Technical Coatings Limited. These data sheets can be obtained from Durabond's website, www.durabond.com, or by contacting a Technical Sales Representative directly.