



Protect. Enhance. Outperform.

Durex[®]
Metal Coating Systems
Protective & Decorative Coatings

DURabond
TECHNICAL COATINGS LTD

Durex® Metal Coatings

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.

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. Over the years, the outstanding quality of Durex Technical Coatings has repeatedly been proven in installations totaling millions of square meters. Our products have been engineered to meet any requirements-from severe

weather conditions to exact matching of colours and textures. This enviable record, is supported by extensive testing, through authoritative independent laboratories and Durabond's own research and development team. These qualities accent Durabond's commitment to consistent production of quality products that guarantee performance and durability.



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.



Available Solutions

Acrylic Based Metal Coatings

General Purpose Metal Protective Coating.....page 4
General Purpose Enamel Protective Coating page 5
Elastomeric Silicone Metal Coating..... page 6

Epoxy & Urethane Based Metal Coatings

Marine Grade Corrosion Resistant Metal Protective Coating.....page 7
Metal Protective Coating..... page 8

Exposure Index page 9
System Selection Chartpage 10



Durex[®] General Purpose Metal Protective Coating

General Medium to light Industrial Applications, and Balcony Railings



Ideal For

- General Use Protective Coating
- Medium to Light Industrial Applications
- High Rise Balcony Railings
- All Purpose Residential Applications

When to use

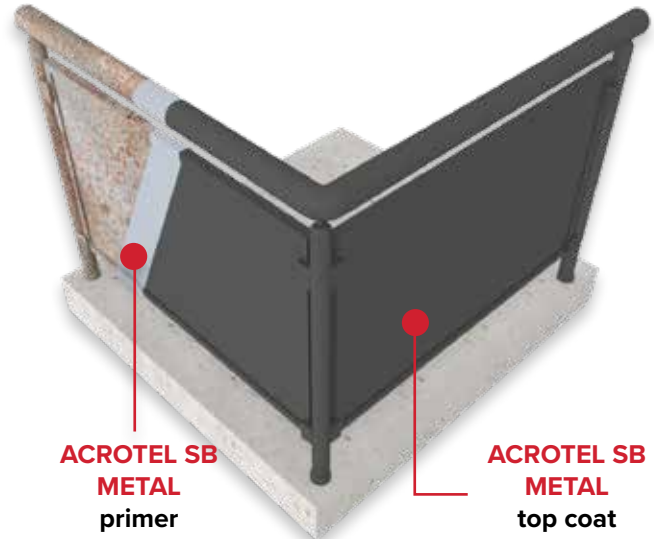
- Easy Application Metal Coating

Features

- Low temperature application
- Medium to Light Duty Applications
- Excellent Durability
- Acrylic Solvent Based System

Colour Availability

- Tinted



COMPONENT	PRODUCT	DFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER	Acrotel SB Metal	2 - 4 mils	200 - 300 ft ² /Gal	-10°C to 40°C
INTERMEDIATE COAT	<i>Optional</i>	-	-	-
TOP COAT	Acrotel SB Metal	2 - 4 mils	200 - 300 ft ² /Gal	-10°C to 40°C



Durex[®] General Purpose Enamel Protective Coating

General Commercial Light Duty Protection



Ideal For

- Commercial / Industrial Display Areas
- Sloped Floors
- Heavy Duty Institutional seamless wet areas
- Windows & Doors

When to use

- Metal Coating or Construction Materials

Features

- Water Based Metal Coating System
- Easy to Use
- Light Duty Coating
- Self-Cleaning (low dirt pick up)
- Primer-less Adhesion

Colour Availability

- Tinted



ACROTEL DTM
top coat

COMPONENT	PRODUCT	DFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER	Acrotel DTM	2 - 4 mils	200 - 300 ft ² /Gal	5°C to 35°C
INTERMEDIATE COAT	<i>Optional</i>	-	-	-
TOP COAT	Acrotel DTM	2 - 4 mils	200 - 300 ft ² /Gal	5°C to 35°C



Durex® Elastomeric Silicone Metal Coating

Versatile Low & High Temperature Coating



Ideal For

- Commercial / Industrial Display Areas
- General Retail Flooring

When to use

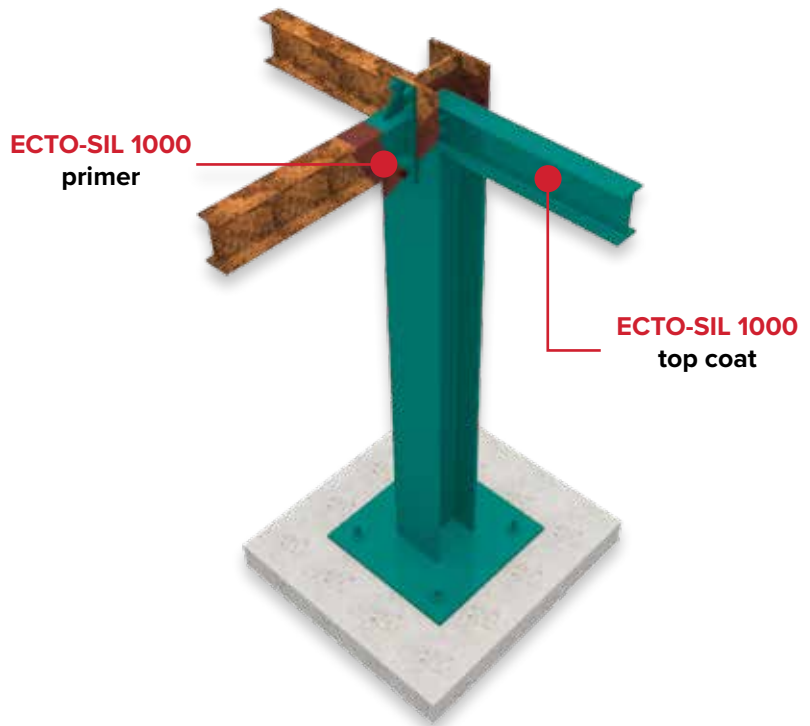
- Waterproofing Metal Coating for Building Exteriors and Sloped Roofs

Features

- Outstanding UV Resistance
- Low temperature application
- Primer-less
- 340% Elongation
- Excellent UV Resistance

Colour Availability

- Tinted



COMPONENT	PRODUCT	DFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER	Ecto-Sil 1000	8 mils	150 - 200 ft ² /Gal	-10°C to 40°C
TOP COAT	Ecto-Sil 1000	8 mils	150 - 200 ft ² /Gal	-10°C to 40°C



Durex® Marine Grade Corrosion Resistant Metal Protective Coating

Marine & Aggressive Climate Exposure Protection



Ideal for

- High Demand Industrial Applications
- High UV Exposure Conditions
- Commercial / Industrial Maintenance

When to use

- Marine & Offshore Application

Features

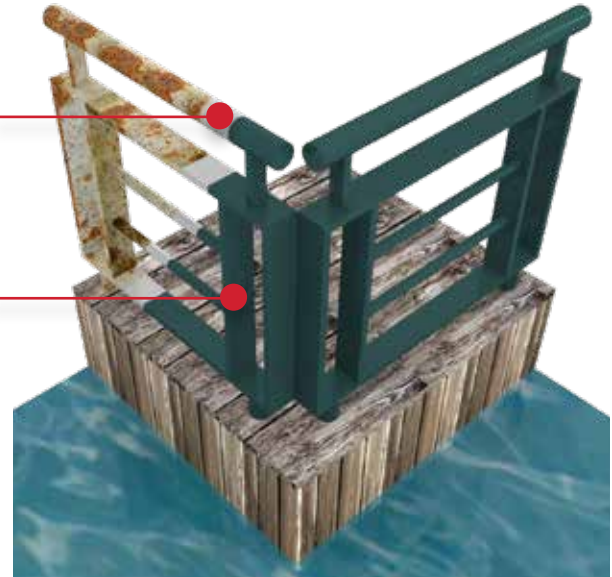
- Excellent General Corrosion Protection
- Durable Polyaspartic topcoat with excellent UV Resistance

Colour Availability

- Tinted

**EPOTEL
WB DTM
primer**

**EPOXANE
top coat**



COMPONENT	PRODUCT	DFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER	Epotel WB DTM	3 - 5 mils	200 - 300 ft ² /Gal	10°C to 40°C
INTERMEDIATE COAT	<i>Optional</i>	-	-	-
TOP COAT	Epoxane	5 - 7 mils	150 - 200 ft ² /Gal	10°C to 40°C



Durex[®] Metal Protective Coating

Industrial Maintenance, Medium Duty Protection,
and Commercial Restoration



Ideal for

- Industrial Maintenance & Protection
- Medium Duty Applications
- Commercial Restoration

When to use

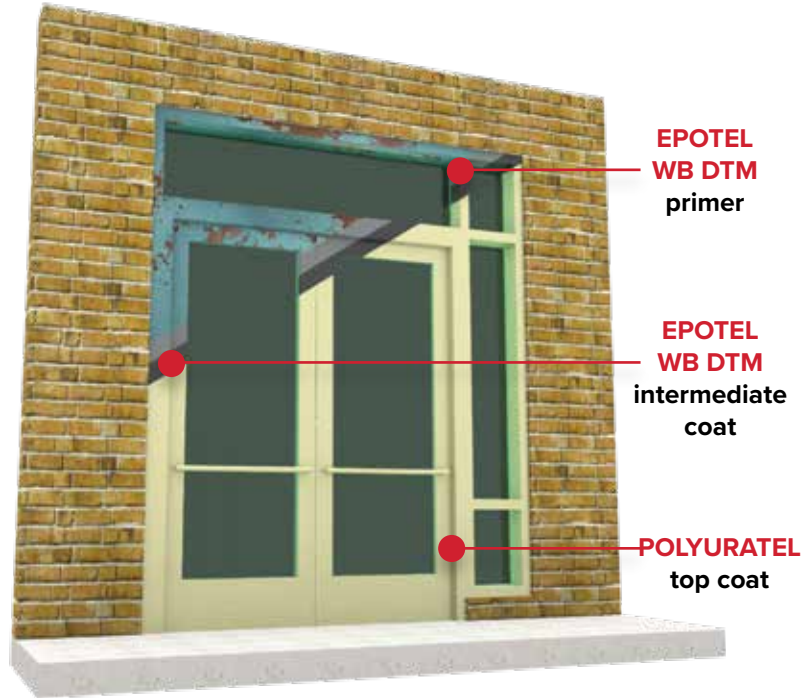
- Equipment & Metal Panel Coating

Features

- Water based Epoxy Coating System
- Excellent UV Resistance
- High Abrasion resistance

Colour Availability

- Tinted



COMPONENT	PRODUCT	DFT	COVERAGE	APPLICATION TEMPERATURE
PRIMER	Epotel WB DTM	2 - 4 mils	150 - 200 ft ² /Gal	10°C to 40°C
INTERMEDIATE COAT	Epotel WB DTM	2 - 4 mils-	150 - 200 ft ² /Gal	10°C to 40°C
TOP COAT	Polyuratel	5 - 7 mils	150 - 200 ft ² /Gal	10°C to 40°C



Exposure Indexes

Ultra Violet (UV) Resistance Index	
Rating	Description
UVR1	May be left exposed to direct tropical sunlight
UVR2	May be left exposed
UVR3	Not intended to be left exposed for long periods of time

Chemical Resistance Index	
Rating	Description
Extreme	<ul style="list-style-type: none"> Marine Environments Heavy Saline Environments
Best	<ul style="list-style-type: none"> High Saline Environments High Moisture, Windy Climates
Better	<ul style="list-style-type: none"> High Moisture Environments Humid Climatic Conditions
Good	<ul style="list-style-type: none"> Limited Moisture Exposure General Protection from Periodic Moisture

Vehicular Traffic Wearing Index	
Rating	Description
Heavy Duty	<ul style="list-style-type: none"> Fork Lifts Traffic Commercial Trucks High Volume Shopping Carts
Medium Duty	<ul style="list-style-type: none"> Limited Automotive Traffic Light Motorized Vehicle Traffic Limited Shopping Carts
Light Duty	<ul style="list-style-type: none"> Light Motorized Traffic Non Motorized Cart General Light Vehicular Protection

Pedestrian Traffic Wearing Index	
Rating	Description
High	<ul style="list-style-type: none"> High Pedestrian Traffic Commercial/Retail Areas Institutional Areas
Medium	<ul style="list-style-type: none"> Limited Public Pedestrian Traffic General Service Areas
Light	<ul style="list-style-type: none"> Occasional Access Areas Residential Applications

Suitability Index	
Rating	Description
Best	Excellent, most ideal system for intended use
Better	Efficient, practical system for intended use
Good	Efficient, practical system for intended use

Service Exposure Index	
Rating	Description
Extreme	Extreme Climatic Conditions temperature range -35°C to 35°C and Aggressive Coastal Areas
Arctic	Arctic - Polar Climates (very cold) temperature range -35°C to +15°C
Moderate	Average Climates Temperature Range -15°C to +35°C Multitude of Freeze/Thaw Cycles Yearly
Tropical	Sub Tropical & Tropical Climates (hot & humid) Temperature Range +5°C to +45°C & Humid Saline Environments

Metal Protective Coating Systems

System Description

Uses / Features

Isometric

Applicable Substrates

LIGHT DUTY

General Purpose Metal Protective Coating

Low Temp. Winter Grade

System Thickness : 5-10 Mils

- General Use Protective Coating
 - Medium to Light Industrial Applications
 - High Rise Balcony Railings
 - All Purpose Residential Applications
-
- Low temperature application
 - Medium to Light Duty Applications
 - Excellent Durability
 - Acrylic Solvent Based System

- Other
- Aluminum
- Metal

General Purpose Enamel Protective Coating

Light Duty Coating

System Thickness : 7 - 12 Mils

- General Light Duty Protective Coating
 - Excellent Commercial Use Maintenance Coating
 - Restoration/Re-coating of Metal Panels, Windows & similar surfaces
-
- Water Based Metal Coating System
 - Easy to Use
 - Light Duty Coating
 - Self-Cleaning (low dirt pick up)
 - Primer-less Adhesion

- Other
- Aluminum
- Metal

Elastomeric Silicone Metal Coating

Versatile Low & High Temp. Coating

System Thickness : 10 Mils

- High Adhesion Elastomeric Metal Coating
 - Low Traffic Metal Roofs
 - Architectural applications
 - Outstanding UV Resistance
-
- Low temperature application
 - Primer-less
 - 340% Elongation

- Other
- Aluminum
- Metal

HEAVY DUTY

Marine Grade Corrosion Resistant Metal Protective Coating

Aggressive Saline Environment Applications

System Thickness : 8 - 12 Mils

- Marine Environment Protection
 - Aggressive Climate Protection
 - Above Splash Zone Protection
 - Mining & Oil Industry - Refineries
 - Heavy Industrial Metal Protection
-
- Excellent UV Resistance
 - Isocyanides Free
 - Hybrid Epoxy Blend
 - Outstanding Salt Corrosion Protection
 - Marine Grade Protection

- Other
- Aluminum
- Metal

Metal Protective Coating

Medium Duty Applications

System Thickness : 10 - 12 Mils

- Industrial Maintenance & Protection
 - Medium Duty Applications
 - Commercial Restoration
-
- Water based Epoxy Coating System
 - Excellent UV Resistance
 - High Abrasion resistance

- Other
- Aluminum
- Metal

Primer	Intermediate Coat	Topcoat	Corrosion Resistant	Chem. Resistant	UV Resistant	Suit ability	Initial Dry	Final Cure	Tint	Temp. Range
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Acrotel SB Metal DFT : 2 - 4 mils	<i>Optional - additional coats may be used for increased build</i>	Acrotel SB Metal DFT : 3 - 5 mils	Good	Very Good	UVR3	Better	2 - 4 Hours	3 - 5 Days	✓	-10°C to 40°C
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Acrotel DTM DFT : 2 - 4 mils	<i>Optional - additional coats may be used for increased build</i>	Acrotel DTM (multiple coats may be used for higher protection) DFT : 3 - 5 mils	Good	Good	UVR3	Good	2 - 4 Hours	3 - 5 Days	✓	4°C to 40°C
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Ecto-Sil 1000 DFT : 5 mils	N/A	Ecto-Sil 1000 DFT : 5 mils	Good	Very Good	UVR3	Better	2 - 4 Hours	3 - 5 Days	✓	-10°C to 40°C
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Epotel WB DTM or Epotel Anti-Corrosion Primer or Epotel Zinc Primer (zinc rich primer) DFT : 3 - 5 mils	<i>Optional - additional coats may be used for increased build</i>	Epoxane DFT : 5 - 7 mils	Extreme (Marine)	Extreme	UVR3	Best	4 - 6 Hours	3 - 5 Days	✓	10°C to 40°C
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Acrotel WB DTM DFT : 2 - 4 mils	Epotel WB DTM (optional for additional build) DFT: 2 - 4 mils	Acrotel DTM (multiple coats may be used for higher protection) DFT : 3 - 5 mils	Very Good	Excellent	UVR3	Good	2 - 4 Hours	3 - 5 Days	✓	10°C to 40°C
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Find our system brochures online or
ask your Durabond Representative



www.durabond.com

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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.