

### PRODUCT DESCRIPTION:

**DUREX TRIM BASE COAT** is a two component polymer based cementitious base coat consisting of a water based acrylic liquid component **Durex Trim Bond**, mixed with the dry component **Durex Trim Coat**. The **DUREX TRIM BASE COAT** mix utilizes advanced polymer technology combining the strength and toughness of polymer modified cement with the flexibility of synthetics.

### USES:

**DUREX TRIM BASE COAT** is used primarily as the base coat for expanded polystyrene architectural mouldings and architectural moulding accessories. It is typically applied, using different methods of extrusion, in factory controlled environments of architectural moulding manufacturing facilities.

### ADVANTAGES:

**DUREX TRIM BASE COAT** has been formulated to provide a highly flexible cementitious coating which is very crack resistant. It can be bent over a 6.4 mm (1/4") mandrel without cracking. **DUREX TRIM**

**BASE COAT** provides the following features:

- superior adhesion to various inorganic substrates
- combines the strength of cement and the flexibility of synthetics
- designed to allow minor movements up to 1.6mm (1/16") in the substrate without causing cracking in the base coat
- excellent job site quality control

### LIMITATIONS:

- Mix **Durex Trim Bond** only with **Durex Trim Coat**
- Ambient, surface and material temperatures must be above 5°C (41°F) during application and curing period
- Do not apply the mix in layers thicker than 3.2 mm (1/8") in any one pass

### MIXING PROCEDURE:

DO NOT SUBSTITUTE NOR COMPENSATE THE **DUREX TRIM BASE COAT** MIX WITH WATER OR OTHER ADDITIVES.

### TECHNICAL DATA

#### Physical Properties:

<b>Product type:</b>	Water based acrylic, sand-filled mixture.
<b>Appearance:</b>	White semi-solid ready mixed paste.
<b>Viscosity:</b>	Pourable paste.
<b>Ph Level:</b>	9.0 to 9.5
<b>Toxicity:</b>	Non-toxic

#### Performance Characteristics:

Test	Method	Results
<b>Tensile strength:</b>	ASTM C190-85	0.35 MPa (50 psi) without mesh
	ASTM C190-85	16.55 MPa (2400 psi) with mesh
<b>Elongation:</b>		9.4%
<b>Flexural strength:</b>	ASTM C293-70	8.28 MPa (1200 psi)
<b>Air Leakage:</b>	ASTM E283-91	0.0174 L/s·m <sup>2</sup> @ 1.5 mm thick
		0.0022 L/s·m <sup>2</sup> @ 3.0 mm thick
<b>Water Vapour Permeance:</b>	ASTM E96-95	Class 3 air barrier 385.56 ng/Pa·s·m <sup>2</sup> @ 25°C

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STUCCO BASE COAT  
POLYMER BASED CEMENT PLASTER

## TECHNICAL DATA (cont'd.)

### Performance Characteristics: (cont'd.)

Test	Method	Results
<b>Impermeability to Water:</b>	CCMC 6.7	385.56 ng/Pa·s·m <sup>2</sup> @ 25°C
<b>Coefficient of Water Absorbption:</b>	CCMC 5.5.1	0.0007 kg/(m <sup>2</sup> ·s <sup>1/2</sup> )
<b>Salt Spray Resistance:</b>	ASTM B-117	passed (300 hours)
<b>Accellerated weathering:</b>	ASTM D-822	passed (2000 hours)
<b>Freeze/Thaw Resistance:</b>	CCMC Method	passed (10 cycles)

Thoroughly mix **DUREX TRIM BASE COAT** before each use. Discard all materials which have formed solid lumps at the bottom of the container and materials which do not appear to be of a homogeneous viscosity. Discard all frozen materials.

Discard all material which has begun to harden.

Mix **Durex Trim Bond** with **Durex Trim Coat** in accordance with the following formula:

<b>Durex Trim Coat</b>	1 bag
<b>Durex Trim Bond</b>	1 gal

Pour **Durex Trim Bond** into an empty clean mixing container. While under slow mixing action add the **Durex Trim Coat** in the required mixing proportions. Mix well until the mixture is free of lumps. Do not over-mix nor use excessive mixing speed.

Let mixed material stand for a few minutes until it begins initial stiffening. Mix only enough materials which can be used within 45 minutes. Re-temper and use. Discard all materials which have begun to stiffen for a second time.

### APPLICATION:

While the **DUREX TRIM BASE COAT** mix is wet, it is applied over expanded polystyrene architectural mouldings, employing various manual, semi-manual and/or automated extrusion methods.

### CLEAN-UP:

Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools.

### STORAGE:

Store **Durex Trim Bond** and **Trim Coat** in a dry, vented, waterproof location, stacked off the ground and with ambient temperatures above 5°C (41°F). Keep materials dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight.

KEEP FROM FREEZING.

### PACKAGING:

**Durex Trim Bond** is readily available in 18.9 litre (4.5 gal.) pails, 170 litre (45 gal) drums and 1000 litre (265 gal) totes.

**Durex Trim Coat** is available in 22.7 kg (50 lb) bags and it is offered in three (3) grades: Super Fine, Fine and Medium.

### WARRANTY:

**Durabond Products Limited** fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case **Durabond's** responsibility shall not exceed either the refund of the purchase price, or the replacement of the purchased product.

### TECHNICAL SERVICES:

Technical assistance for unique applications and design is available upon request from **Durabond Products Limited**.

# DURABOND

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