

Durex® Trim Coat

Flexible Polymer-based Cementitious Base Coat for Architectural Mouldings

Description	Durex® Trim Coat is a two-component polymer-based cementitious base coat consisting of a water-based acrylic liquid component Durex® Flex Bond, mixed with the dry component Durex® Trim Coat. Durex® Trim Coat mix utilizes advanced polymer technology combining the strength and toughness of polymer-modified cement with the flexibility of synthetics.
Uses	Durex® Trim 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.
Features	<p>Durex® Trim 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 Coat provides the following features:</p> <ul style="list-style-type: none"> • Superior adhesion to various inorganic substrates • Combines the strength of cement with the flexibility of synthetics • Designed to allow minor movements in the substrate without causing cracking in the base coat • Excellent job site quality control

TECHNICAL DATA

PHYSICAL PROPERTIES

Product Type	Water-based acrylic, sand-filled mixture
Appearance	White semi-solid ready-mixed paste
Viscosity	Pourable paste
pH Level	9.0 to 9.5
Toxicity	Non-toxic

PERFORMANCE PROPERTIES

PERFORMANCE PROPERTIES	METHOD	RESULT
Tensile Strength	ASTM C109	0.35 MPa (50 psi) without mesh
	ASTM C109	16.55 MPa (2400 psi) with mesh
Elongation	ASTM D412	9.4%
Flexural Strength	ASTM C293	8.28 MPa (1200 psi)
Air Leakage	ASTM E283	0.0022 L/s.m ² @ 3.0 mm thick
Water Vapour Permeance	ASTM E96	370 ng/Pa.s.m ² @ 25°C
Impermeability to Water	CCMC 6.7	Pass
Coefficient of Water Absorption	CCMC 5.5.1	0.00007 kg/(m ² .s1/2)
Salt Spray Resistance	ASTM B117	Passed (300 hours)
Accelerated Weathering	ASTM D822	Passed (2000 hours)
Freeze/Thaw Resistance	CCMC Method	Passed (10 cycles)

Packaging Durex® Flex Bond is readily available in 18.9 litre pails, 170 litre drums and 1000 litres 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.

Storage Store Durex® Flex Bond and Trim Coat in a dry, vented, waterproof location, stacked off the ground 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.**

Mixing Procedure Thoroughly mix Durex® Trim 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 Coat with Durex® Flex Bond in accordance with the following formula:

Durex® Trim Coat	1 bag (22.7kg)
Durex® Flex Bond	5.5 – 6.0 Litres

Pour Durex® Flex Bond into an empty clean mixing container. While under slow mixing action, add Durex® Trim Coat in the required mixing proportions. Mix well until the mixture is free of lumps. Do not overmix or use excessive mixing speed. Let mixed material stand for a few minutes until it begins initial stiffening. The user can add slightly more or less of the aforementioned mixing ratio based on requirements. Contact Durabond for any further mixing information and guidance. 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. **DO NOT SUBSTITUTE NOR COMPENSATE DUREX® TRIM COAT WITH WATER OR OTHER ADDITIVES.**

Application	While Durex® Trim Coat mix is wet, it is applied over expanded polystyrene architectural mouldings, employing various manual, semi-manual and/or automated extrusion methods.
Limitations	<ul style="list-style-type: none">• Mix Durex® Trim Coat only with Durex® Flex Bond• Ambient, surface and material temperatures must be above 5°C (41°F) during application and curing period• Do not apply the mix in any layers thicker than 3.2 mm (1/8") in any one pass
Clean-up	Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools.
Health and Safety	For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For industrial use only. Keep out of reach of children.
Warranty	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.
Technical Services	Technical support is available upon request at info@durabond.com . For the latest version of this data sheet, please visit our website at www.durabond.com , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.

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