

Durex® Trim Cast

Flexible Polymer-based Stone Replicating Coating System

Description	Durex® Trim Cast is a two-component polymer-based cementitious base coat formulated to create a surface that replicates fine-cut stone. It consists of a polymer modifier, Durex® Flex Bond TopCoat, which has a substantially higher polymer content, mixed with the dry component, Durex® Trim Cast. This advanced formulation enhances strength and durability, making it highly resistant to the elements without requiring additional protective coatings. Trim Cast uses a fine blend of natural aggregates to achieve a stone-like finish that can be troweled to a fine smooth surface.
Uses	Durex® Trim Cast is available for direct-applied wall casting or for use in molding extrusion processes. It is ideal for applications requiring a fine-cut stone appearance with enhanced durability in exterior environments.
Features	<p>Durex® Trim Cast 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 Cast provides the following features:</p> <ul style="list-style-type: none"> • Superior adhesion to various inorganic substrates • Combines cement strength with high polymer flexibility • Designed for long-term durability without additional protective coatings • Fine natural aggregate blend for a realistic stone finish • Can be troweled to a fine smooth surface • Excellent job site quality control •

TECHNICAL DATA

PHYSICAL PROPERTIES

Product Type	Cementitious dry fine powder mixture
Appearance	White fine powder
Viscosity	n/a
pH Level	11 -12
Toxicity	Non-toxic

PERFORMANCE PROPERTIES

	METHOD	RESULT
Tensile Strength	ASTM C109	0.98 MPa (145 psi) without mesh
	ASTM C109	21 MPa (3050 psi) with mesh
Elongation	ASTM D412	4.5%
Flexural Strength	ASTM C293	11.5 MPa (1650 psi)
Dry Adhesion	ASTM D4541	1.75 MPa (253 psi)
Water Vapour Permeance	ASTM E96	325 ng/Pa.s.m ² @ 25°C
Impermeability to Water	CCMC 6.7	Pass
Coefficient of Water Absorption	CCMC 5.5.1	0.00012 kg/(m ² .s1/2)
Salt Spray Resistance	ASTM B117	Passed (500 hours)
Accelerated Weathering	ASTM D822	Passed (2500 hours)
Freeze/Thaw Resistance	CCMC Method	Passed (50 cycles)

Packaging Durex® Flex Bond TopCoat is readily available in 18.9 litre pails, and 1000 litres totes. Durex® Trim Cast is available in 22.7 kg (50 lb) bags and it is offered in three (3) grades: Ivory Precast, ACR Limestone and Ivory Moulding.

Storage Store Durex® Flex Bond TopCoat and Trim Cast 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 Cast 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 Cast with Durex® Flex Bond in accordance with the following formula:

Durex[®] Trim Cast 1 bag (22.7kg)
Durex[®] Flex Bond TopCoat 5.5 – 6.0 Litres

Application	Pour Durex [®] Flex Bond into an empty clean mixing container. While under slow mixing action, add Durex [®] Trim Cast 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 CAST WITH WATER OR OTHER ADDITIVES.
Limitations	<p>While Durex[®] Trim Cast mix is wet, it is applied over expanded polystyrene architectural mouldings, employing various manual, semi-manual and/or automated extrusion methods.</p> <ul style="list-style-type: none">• Mix Durex[®] Trim Cast only with Durex[®] Flex Bond TopCoat• 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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