

# Durex Monocapa

## Polymer-Modified Cementitious Plaster

<b>Description</b>	Durex® Monocapa is a polymer-modified, Portland cement-based plaster, which has been formulated with numerous ideal features to provide a versatile, hard, strong, durable, fire- and weather-resistant surfacing material. Durex® Monocapa can be used in a variety of exterior/interior applications, both on vertical and horizontal planes, and in the hands of a skilled tradesman can be worked into patterns and textures flat of curvilinear surfaces.
<b>Uses</b>	Durex® Monocapa can be used as a base coat in the Durex® Lite Coat and Durex® Stucco Lite Systems, over new or existing substrates such as masonry, concrete, concrete block, brick or other cementitious renderings.
<b>Features</b>	<p>Durex® Monocapa is a user-friendly premixed plaster mix which requires only the addition of potable water. It provides the following features:</p> <ul style="list-style-type: none"> <li>• Excellent workability</li> <li>• Maximum crack control</li> <li>• Maximum quality control</li> <li>• Minimum mixing time</li> <li>• Low cost</li> <li>• Consistency and ease of duplication of mixes</li> <li>• Rated non-combustible</li> <li>• Rot and fungus resistant</li> </ul>

### TECHNICAL DATA

PHYSICAL PROPERTIES	
<b>Product Type</b>	Polymer-modified fibre-reinforced plaster base mix
<b>Appearance</b>	Cementitious powder mix and aggregates
<b>Toxicity</b>	CAS-Registry No. 65997-15-1 (contains Portland Cement)
<b>Density</b>	1290 kg/m <sup>3</sup>
<b>Bulk Pot Life</b>	1 hr- 2 hrs (depending on ambient conditions and type of polymer used)
<b>Coverage</b>	Monocapa:    1.00 m <sup>2</sup> (10.8 ft <sup>2</sup> ) @ 10-12 mm (3/8"-1/2") thickness/bag 2.04 m <sup>2</sup> (22 ft <sup>2</sup> ) @ 6.0 mm (1/4") thickness/bag 4.18 m <sup>2</sup> (45 ft <sup>2</sup> ) @ 3.0 mm (1/8") thickness/bag
<b>Mixing Ratio</b>	Masonry plaster base: 1 bag Monocapa; 4-5 litres water (Water amount required will depend on moisture content and sand use)

PERFORMANCE PROPERTIES	METHOD	RESULT
<b>Compressive Strength</b>	ASTM C109	12.50 MPa (1800 psi)
<b>Shear Bond Adhesion</b>	ASTM C882	2.84 MPa (410psi)
<b>Non-combustible</b>	CAN4-ULC-S114	Rated non-combustible

<b>Packaging</b>	Durex® Monocapa is available in 22.7 kg. bags.
<b>Storage</b>	Store Durex® Monocapa 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. <b>KEEP FROM FREEZING.</b>
<b>Mixing Procedure</b>	Mix Durex® Monocapa with potable water in the following proportions: <ul style="list-style-type: none"> <li>• Durex® Monocapa    1 bag</li> <li>• Potable water        4-5 litres</li> </ul> <b>DO NOT SUBSTITUTE NOR COMPENSATE DUREX® MONOCAPA WITH OTHER ADDITIVES.</b> Discard all materials which have begun to harden.
<b>Application</b>	Trowel apply the Durex® Monocapa, applying sufficient force to ensure full bond with the substrate and that all voids in the substrate are filled. Use a straight-edge tool to darby the surface and bring it to a straight and even surface. Total thickness of the Durex® Monocapa should not exceed 12.7 mm (1/2"). Total thickness per lift shall not exceed 6 mm (1/4").
<b>Limitations</b>	Mix Durex® Monocapa only with potable water. Ambient, surface and material temperatures must be above 5°C (41°F) during application and curing period.

<b>Clean-up</b>	Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools.
<b>Health and Safety</b>	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.
<b>Warranty</b>	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.
<b>Technical Services</b>	Technical support is available upon request at <a href="mailto:info@durabond.com">info@durabond.com</a> . For the latest version of this data sheet, please visit our website at <a href="http://www.durabond.com">www.durabond.com</a> , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.

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