

# Durex Aggregex

## Acrylic High Build Multi-Coloured Decorative Coating

<b>Description</b>	Durex® Aggregex is a high build, multi-coloured, finish consisting of coloured natural stone embedded in a coloured, polymer-modified cement base. The natural stone may be either crushed or rounded.
<b>Uses</b>	Durex® Aggregex is used to match precast concrete panels.
<b>Features</b>	<ul style="list-style-type: none"> <li>· Exceptional durability</li> <li>· Excellent water repellency; protects surfaces from moisture penetration</li> <li>· Breathable coating; allows water vapour within the wall system to evaporate</li> <li>· Excellent adhesion to substrate</li> </ul>

### TECHNICAL DATA

PHYSICAL PROPERTIES			
<b>Product Type</b>	Polymer-modified cement base with integral natural stone		
<b>Appearance</b>	White, light grey or grey fine powder and aggregates		
<b>Toxicity</b>	CAS Registry No. 65997-15-1 (Contains Portland Cement)		
<b>Density</b>	1200 kg/m <sup>3</sup> (80 lb/ft <sup>3</sup> )		
<b>Bulk Pot Life</b>	1-3 hours (depending on temperature and humidity)		
<b>Coverage</b>	Coverage will vary according to the size of aggregate used to embed into Durex® Aggregex base coat		
	Aggregate size	Base Coat Thickness	Coverage
	3mm (1/8")	6mm (1/4")	2.32m <sup>2</sup> (25ft <sup>2</sup> /bag)
	6mm (1/4")	9mm (3/8")	1.58m <sup>2</sup> (17ft <sup>2</sup> /bag)
	9mm (3/8")	9-12mm (3/8"-1/2")	1.11m <sup>2</sup> (12ft <sup>2</sup> /bag)
	12mm (1/2")	12-15mm (1/2"-5/8")	0.93m <sup>2</sup> (10ft <sup>2</sup> /bag)
	Average coverage: allow 4.5 Kg (10 lb) of stone per 0.09m <sup>2</sup> (1 ft <sup>2</sup> ) of wall area.		
<b>Substrate Requirements</b>	Clean solid, unpainted masonry (black). Concrete or cement plaster base.		

PERFORMANCE PROPERTIES	TEST METHOD	RESULT
<b>Compression Strength</b>	ASTM C109	29.0 MPa
<b>Non-combustible</b>	CAN-ULC-S114	Rated not combustible
<b>Flexural Strength</b>	ASTM C293	6.7 MPa
<b>Mixing Ratio</b>	1 bag Durex® Aggregex (base coat); 5 litres Durex® Acrylic Resin Bond	

<b>Packaging</b>	The aggregate of Durex® Aggregex is available in an assortment of colour schemes, packaged in 22.7 Kg (50 lbs) bags.
<b>Storage</b>	Store Durex® Aggregex in a dry, vented, waterproof location, stacked off the ground with ambient temperatures above 5°C (41°F). Keep material dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight. <b>KEEP FROM FREEZING.</b>
<b>Application</b>	Refer to Durex® Architectural Coatings specification for application instructions.
<b>Limitations</b>	<p>Durex® Aggregex is not recommended for use:</p> <ul style="list-style-type: none"> <li>· Over previously treated surfaces without proper preparation</li> <li>· Surfaces where oils and other contaminants are present</li> <li>· When ambient, surface and material temperatures are below 5°C (41°F) during application and curing period</li> </ul>
<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 MSDS 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](mailto:info@durabond.com). For the latest version of this data sheet, please visit our website at [www.durabond.com](http://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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