

# Durex® ACR Smooth Coat

## Fine powder Cement Plaster Mix

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| <b>Description</b> | Durex® ACR Smooth Coat is a Portland cement, plaster mix formulated with numerous ideal features to facilitate an ideal smooth and true surface required to obtain the high-quality final finish appearance of the Durex® ACR specific system. This flexible cementitious coating is a dry polymer based fine powder which is mixed with water at the time of application.  |
| <b>Uses</b>        | Durex® ACR Smooth Coat is specially designed for use in the Durex® ACR Finish Systems to create a “smooth” surface required for the application of the fine finishes of the respective system. Furthermore, this versatile fine coating can be used on a multitude of substrates to create an ideal smooth and tough base for applications such as high-quality paints up to a level 5 finish.  |
| <b>Features</b>    | <p>Durex® ACR Smooth Coat is a user-friendly premixed 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>• Resistant to fungus and mildew</li> <li>• Provides a smooth level 5 paint-ready surface</li> <li>• Rated non-combustible</li> </ul> |

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

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| <b>Product Type</b>  | Polymer-modified cementitious 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>       | 1250 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>      | ACR Smooth Coat: 9.30 m <sup>2</sup> (100 ft <sup>2</sup> ) @ 1.6 mm (1/16”) thickness/bag                   |
| <b>Mixing Ratio</b>  | 1 bag ACR Smooth Coat to 5.5 litres water<br>(Water amount can be adjusted based on desired mix consistency) |

#### PERFORMANCE PROPERTIES

| PERFORMANCE PROPERTIES      | METHOD        | RESULT                |
|-----------------------------|---------------|-----------------------|
| <b>Compressive Strength</b> | ASTM C109     | 26.5 MPa (3850 psi)   |
| <b>Flexural Strength</b>    | ASTM C293     | 12.1 MPa (1760 psi)   |
| <b>Shear Bond Adhesion</b>  | ASTM C882     | 4.6 MPa (670 psi)     |
| <b>Tensile Strength</b>     | ASTM C190     | 6.75 MPa (980 psi)    |
| <b>Non-combustible</b>      | CAN4-ULC-S114 | Rated non-combustible |

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| <b>Packaging</b>        | Durex® ACR Smooth Coat is available in white. Packaged in 22.7 kg. (50 lbs) bags.   |
| <b>Storage</b>          | Store Durex® ACR Smooth 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. <b>KEEP FROM FREEZING.</b>  |
| <b>Mixing Procedure</b> | <p>Mix Durex® ACR Smooth Coat with potable water in the following proportions:</p> <ul style="list-style-type: none"> <li>• Durex® ACR Smooth Coat 1 bag</li> <li>• Potable water 5.5 litres</li> </ul> <p><b>DO NOT SUBSTITUTE NOR COMPENSATE DUREX® ACR SMOOTH COAT WITH ADDITIVES.</b> Discard all materials which have begun to harden.</p> |
| <b>Application</b>      | Clean all areas to be coated so the substrate is very clean and free of dust, dirt, oil, grease, paint or other foreign matter which may be detrimental to a positive bond. Mark the specified pattern on the substrate to be coated using chalk or other means, which will not leave any deleterious substance behind. Apply the               |

mixed material to the clean surface using a steel trowel to achieve the specified texture. Do not apply at a thickness greater than 3 mm (1/8"). Refer to Durex® ACR Finish Systems Installation guide for further information.

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| <b>Limitations</b>        | <ul style="list-style-type: none"><li>• Mix Durex® ACR Smooth Coat with potable water.</li><li>• Ambient, surface and material temperatures must be above 5°C (41°F) during application and curing period</li></ul>   |
| <b>Curing/Drying</b>      | Allow a minimum of 24 hours for curing. Protect freshly applied material from inclement weather until it has fully set and cured. Prevent rapid evaporation. Allow to cure for a minimum 24 hours.  |
| <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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