

Durex[®] Cure & Seal

Sealer and Curing Aid for Freshly Poured Concrete/Mortar

- Description** Durex[®] Cure & Seal Aid for Freshly Poured Concrete/Mortar is a single-component, solvent-borne, acrylic concrete-curing membrane. It is designed to be used as a high-performance solvent-borne acrylic sealing and curing coating for freshly poured concrete.
- Uses** Durex[®] Cure & Seal Aid for Freshly Poured Concrete/Mortar is a sealing and curing compound ideal for freshly poured concrete and mortar. Applying Durex[®] Cure & Seal Aid for Freshly Poured Concrete/Mortar over freshly poured concrete creates a moisture seal or barrier to assist the curing process. It conditions the fresh concrete to retain sufficient moisture during the curing process at normal temperature without the need of repeated water spraying and sealing.
- Ideal For**
- Freshly poured concrete and mortar
- Features**
- Outstanding resistance to moisture vapour transmission (MVTR) and meets the requirements of ASTM C-309 for unit moisture loss (< 0.055 gm/cm² of surface at 72 hours)
 - VOC compliant
 - Easy to use
 - Cold curing

TECHNICAL DATA

PHYSICAL PROPERTIES

Colour	Please see <i>Durex[®] Colour Selection Guide</i> for available colour options.
Resin Type	Solvent acrylic copolymer
Coverage	4 m ² /L (250 ft ² /gal) @ 2 mils DFT
Cure Time @ 23°C (75°F), 55% RH	To touch/recoat: 1 hour Fully cured: 12 hours
Reducer/Clean-up	Mineral spirit/xylene/toluene

PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D7232-06	30% (wt.)
Viscosity (Brookfield) 23°C (75°F)	ASTM D2196	20-100 cps
V.O.C.	ASTM D3960-05	< 350 g/L
Specific Gravity	ASTM D333	0.90 ± 0.10 g/L 7.50 ± 0.80 lb/gal

Packaging	Durex® Cure & Seal Aid for Freshly Poured Concrete/Mortar is packaged in 18.9 L (5 gal) and 3.78 L (1 gal) pails. This product is available in multiple standard colours. Custom colour matching can also be attained at an additional cost. Please refer to the <i>Durex® Colour Selection Guide</i> for all available colour options.
Storage Conditions	Store Durex® Cure & Seal Aid for Freshly Poured Concrete/Mortar in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials in ambient temperatures above 5 degrees C and below 35 degrees C. KEEP FROM FREEZING.
Surface Preparation	All surfaces to be coated must be free of dirt, oils and any other contaminants that may prevent proper adhesion of Durex® Cure & Seal Aid for Freshly Poured Concrete/Mortar. Hard, glossy, non-porous surfaces should be mechanically abraded before coating application to improve adhesion.
Application	Durex® Cure & Seal Aid for Freshly Poured Concrete/Mortar is easy to apply. Apply through the use of a conventional air sprayer. Apply a single coat evenly over the entire surface.
Clean-Up	Wash all tools and equipment immediately after use with mineral spirits.
Limitations	Durex® Cure & Seal Aid for Freshly Poured Concrete/Mortar is not recommended for use when temperature is less than -10 degrees C (10 degrees F).
Health and Safety	Take suitable fire precautions. Use under well-ventilated conditions with appropriate respirator approved for organic vapours and rubber gloves when handling the product. Avoid contact with eyes and prolonged contact with skin. If contact occurs, flush immediately with water and seek medical attention if irritation occurs. Harmful if swallowed. Do not induce vomiting. Drink 1-2 glasses of water or milk. Keep product out of reach of children. Read published Material Safety Data Sheet for additional information.
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 Technical Coatings Ltd sales representative.

DURabond

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