

1. PRODUCT NAME

Enhance™ Repel (ESC-0071):
Moisture repellent (liquid-surface applied).

2. SUPPLIER

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3. PRODUCT DESCRIPTION

ESC-0071 is a multi-component, inorganic, transparent water based solution engineered for general moisture repellency and chemical protection of vertical surfaces on new and existing concrete or masonry structures. ESC-0071 offers extended protection well beyond conventional silicone based water repellents. ESC-0071 will form a repellent barrier up to ¼inches into the treated surface.

Basic Use

The ESC-0071 ready to use liquid can be applied to concrete, masonry, stucco and other surfaces for long lasting protection from moisture. Use as a sacrificial coating on municipal and institutional structures to minimize damage caused by graffiti. ESC-0071 may be used in combination with Enhance™ EPC penetrating densifiers for advanced surface protection and as part of a graffiti protection system. Available in clear form for use on architectural surfaces. Contains no VOC's. For coated or high density surfaces refer to ESC-0072.

Limitations

DO NOT dilute or mix with other materials. Protect from freezing. Protect surfaces not being coated from over-spray. Not for use on coated or sealed structures. Not for use on marble or very dense surfaces.

4. TECHNICAL DATA

Extensive laboratory and field tests support the use of ESC-0071 to assist long term concrete/ masonry protection, extend service life and improve integrity of the treated surface. Performance improvements occur over conventional silicone based treatments. Trial application recommended before any large areas are undertaken.

Compliances

Moisture Absorption/Retention ASTM C-309; ASTM C-67 Sec. 7 Suction/Hydrostatic Transmission ASTM C-67 Sec. 9 Chloride Ion/Salt Resistance ASTM C-672, C-666; CPAC Approved

Physical Data

Color: Clear;
V.O.C.: 0 lb./ Gal.;
pH 11.4 ± .2;
Spec. Grav.: 1.038 ;
Odor: Neutral;
Viscosity: <25cps;
Freeze/Thaw: Stable ;
Flammable/Flash Point: None.

5. INSTALLATION

Surfaces to be treated must be non-coated and free of contaminants. Application may be performed by low pressure spray, roller or brush. Scrubbing in may be beneficial.

New Concrete

Allow to cure 28 days prior to application of repellent. Apply in one even coat according to specifications. ESC-0071 must be applied wet-on-wet if additional material application is deemed necessary.

Existing Structures

Apply ESC-0071 thoroughly saturating surfaces. Apply additional coats as deemed necessary wet-on-wet allowing time for visible penetration between coats - DO NOT allow surface to dry between coats.

ESC-0071 Yield Ft² per US Gallon

Concrete	100-400
Stucco & Masonry	150-450

6. AVAILABILITY AND COST

Availability: Enhance™ products are available through Enhance™ dealers.

Cost: Contact an Enhance™ authorized dealer for pricing.

Packaging:

55 Gal./208 L. drums,
5 Gal./18.9 L. pails,
1Gal./3.78 L. jugs.

7. WARRANTY

Enhance International Inc. warrants its products to be free of defect and when used in accordance with up-to-date published recommendations. Enhance cannot be held responsible for problems caused by other materials, inferior workmanship, or deviance from applicable standards. Enhance International Inc. reserves the right to have the true cause of any problem determined by appropriate test methods.

8. MAINTENANCE

No special maintenance required. May be reapplied as required following removal of graffiti or long term loss of effectiveness.

9. TECHNICAL SERVICES

Technical services available by writing or calling Enhance. Fax requests to: (403) 275-0964 enhance@cal.cybersurf.net

10. FILING SYSTEM

- Product Specification Catalog
- Authorized Installer Manual

www.enhance-solutions.com

Division 3 **Division 9**