

1. PRODUCT NAME

Enhance™ Repair+
Polymer Additive (powder).

2. SUPPLIER

Mailing address:
P.O. Box 51119 BPO
Calgary, AB., Canada T3K 3V9
Phone: (403) 720-2011

3. PRODUCT DESCRIPTION

Repair+ is a multi-component acrylic polymer additive for use in Portland cement concrete mix applications.

Repair+ can be utilized in a wide variety of mixes to beneficially modify cohesive and bonding properties. The Repair+ powder polymer is a ready to use material which is added to the concrete or masonry mix in a format suitable to the intended application. Ease of use and handling make Repair+ a multi-product replacement materials for concrete repair and resurfacing professionals.

Basic Use:

Mixes incorporating Repair+ exhibit excellent cohesive properties in a wide variety of applications with the following benefits:

- Superior bonding capabilities to many substrates
- Multiple cement mix applications
- Suitable for vehicle traffic strength and performance
- Can eliminate need for removal and replacement
- Cost effective, easy to use

Repair+ powder modifies Portland cement mix characteristics for greater flexibility of use and is compatible for use with most coloring agents.

Limitations

Not recommend for use of mix ratios outside suggested dosage range without test trial. Use only Enhance PMT admixtures in combination with Repair+ mixes.

It is recommended that all concrete surfaces be prepared with Enhance™ EPC densifiers prior to application. Repair+ powder is very finely granulated and requires use of breathing mask as with handling of cements or similar powder materials. Follow ACI cold weather concreting practice.

4. TECHNICAL DATA

Extensive laboratory and field tests support the use of Repair+ as a high performance bonding polymer in repair and resurface applications.

Compliances

Flexural Strength ASTM C348:
1,360 Psi
Comp. Strength ASTM C109:
5,450 Psi
Tensile Strength ASTM C190:
650 Psi
After Enhance densifier applied:
Moisture Absorption / Retention
ASTM C-67 Sec. 7
Suction/Hydrostatic
Transmission
ASTM C-67 Sec. 9, 25, & 29
Chloride Ion/Salt Resistance
ASTM C-672, C-39, C-192,
AASHTO T259-78
ASTM C-666

Physical Data

Color: White;
V.O.C.: 0 lb./ Gal.;
Spec. Grav.: 0.60;
Odor: Neutral;
Freeze/Thaw; Stable;
Flammable/Flash Point: None.

5. INSTALLATION

Surfaces must be clean and free of contaminants prior to application. Mist surface with water prior to application of bonding solution. Apply pre-mixed polymer solution as a bonding agent.

Application

Thoroughly mix polymer/water solution and use in place of water for all mixing procedures (see labels or manufacturer for full range of mixing formulae).

Mixing Ratios

Repair+ Water/Polymer

Resurfacing	2:1 - 5:1
Toppings	5:1 - 10:1
Full depth repairs	10:1 - 50:1

6. AVAILABILITY AND COST

Availability:

Contact an Enhance™ dealers.

Cost:

Contact an Enhance™ authorized dealer for pricing.

Packaging:

250 Gal./946 L. superbags,
5 Gal./18.9 L. pails,
Custom Packaging.

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 ASTM concrete 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.

9. TECHNICAL SERVICES

Technical services available by writing or calling Enhance. Fax requests to: (403) 275-0964 info@enhance-solutions.com

10. FILING SYSTEM

- Product Specification Catalog
- Authorized Installer Manual

www.enhance-solutions.com

Division 3

Division 9