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E-BOND 120 EPOXY PENETRATING SEALER FOR CONCRETE SURFACES

**FOR PROFESSIONAL USE ONLY; NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC
 KEEP OUT OF REACH OF CHILDREN, NOT FOR INTERNAL CONSUMPTION**

DESCRIPTION

E-BOND EPOXIES #120 EPOXY PENETRATING SEALER is a two component, Low Viscosity Epoxy for deep penetration of concrete surfaces.

It is ideal for protection of new concrete or for adding additional protection to deteriorated concrete from effects of de-icing chemicals, freezing and thawing, salts and moisture.

E-Bond 120 low solids, Low viscosity provides deep penetration without buildup on top of the concrete surface. May be used on frost-free dry surfaces at temperatures as low as 40°F.

PHYSICAL PROPERTIES

VISCOSITY @ 77°F.	7 +/- 0.5 CPS.
SOLIDS BY WEIGHT	17.8%
POT LIFE @ 77°F.	6 - 8 HOURS
TACK FREE TIME @ 77°F	45 TO 60 MINUTES
COLOR	CLEAR
MIXING RATIO	1 "A" TO 1 "B" BY VOLUME

COVERAGE

The approximate coverage is 100 to 200 ft² per gallon. Coverage will vary according to the porosity and surface profile of the substrate.

PACKAGING

Available in 10 gallon units. 110 gallon drum units available at request.

STORAGE

Store dry and out of external elements at 40-95°F
 Precondition material to 60-80°F before use

SURFACE PREPARATION

1. SUBSTRATE TEMPERATURE SHOULD BE 40°F AND RISING AT TIME OF APPLICATION.
2. The substrate must be clean, dry and free of moisture. Moisture will prevent complete penetration of porous surfaces and cracks. Surfaces must be structurally sound.
3. Surfaces may be dry or damp

NEW CONCRETE: New concrete must be a minimum of 14 days old prior to application of E-Bond 120. A light brush sand blast, and/or high pressure water blast is required to remove laitance, curing agents, etc.

OLD CONCRETE: All loose particles or soft, weak sections must be removed or repaired. Asphaltic or oil contaminants or other materials that affect the proper bond or penetration of the epoxy sealer may be removed by mechanical means, sand blasting or high pressure water blasting. For best results, the surface should be dry to permit deep penetration of E-Bond 120 into porous surfaces and cracks by gravity feeding.

MIXING

Mix equal parts of volume of E-Bond 120 epoxy resin (Component A) with equal volume of E-Bond 120 epoxy hardener (Component B).

Thoroughly blend both materials with a low speed drill until uniformly blended.

For best results, particularly if an application is to be placed on a cooler substrate surface, allow the material to remain in the mixing container for 1/2 hour to 1 hour.

This induction time will improve the tack free time.

E-Bond 120 Penetrating Sealer contains special additives to permit applications on substrate temperatures as low as 40°F. For applications at temperatures below 70°F it is recommended that the epoxy resin/hardener be preconditioned to 77°F prior to mixing and blending. Allow an induction time of at least one hour, and apply.

APPLICATION

DO NOT APPLY IN THREATENING WEATHER

Apply E-Bond 120 to horizontal surfaces by roller, squeegee or broom. Spread material over the area and allow to pond over cracks. Let material penetrate in the cracks and substrate.

On extremely porous surfaces, a second application may be required.

Excess material should be removed, with no visible film or should be covered with a light broadcast of a dry silica sand.

After curing, loose sand should be removed by brooming prior to opening to traffic.

CLEAN UP

Clean equipment and brushes immediately after use and prior to cure with E-Bond S-6 Reducer and/or E-Bond T-5 Solvent. Clean up of spray equipment must be done as soon as possible or the chemical reaction of the coating can lock up the equipment making it unusable.

PRECAUTIONS/WARNING

Do Not Thin E-Bond 120.

E-BOND 120 is FLAMMABLE and COMBUSTIBLE. USE ONLY WITH ADEQUATE VENTILATION. Control airborne concentration below exposure limits. Wear impervious gloves, wear splash proof chemical goggles for eye protection. Skin and eye irritant. Contains Xylol.

If swallowed do not induce vomiting. CALL PHYSICIAN IMMEDIATELY. keep away from heat, sparks, and open flame. Avoid prolonged contact with skin and breathing of vapor or spray mist. For eyes, wash with plenty of water for 15 minutes and contact physician. Close container after each use.

Please refer to E-Bond Epoxies, Inc. Material Safety Data Sheet for this product for additional precautionary measures.

Before adding Component B read caution statement on Component B label. Any mixture of Components A and B will have hazards of both components. Observe all applicable precautions.

In tanks or confined areas, provide adequate forced ventilation during application and drying. Use air masks, clean clothing and explosion proof equipment. COMBUSTIBLE Prevent flames, sparks, welding and smoking.

CAUTION - For professional use only; not for sale to or use by the general public. E-Bond's epoxies contain alkaline amines. Strong sensitizer; MAY CAUSE SKIN SENSITIZATION or allergic response ranging from a mild wheezing to a severe asthmatic type attack. Avoid contact with skin or eyes. IN CASE OF CONTACT immediately wash skin with soap and water. Flush eyes with water and obtain medical attention. Wear protective clothing, goggles, and barrier cream on all exposed skin

LIMITED WARRANTY NOTICE: E-BOND EPOXIES, INC warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. The purchaser must examine the product when received and promptly notify E-BOND EPOXIES, INC in writing of any nonconformity before the product is used and no later than 30 days after such non-conformity is first discovered. If E-BOND, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty.

The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

E-BOND shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if E-BOND could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.