



# E-BOND

## 1810/1811 LPL

### 100% SOLIDS

### EPOXY SEALER



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**FOR PROFESSIONAL USE ONLY; NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC**

#### DESCRIPTION

E-Bond 1810/1811 LPL has been specifically designed as a glaze sealer for existing epoxy chattahoochee rock systems. The major differences between the 1810/1811 LPL Sealer and the 1810/1811 rock system are viscosity and working time. 1810/1811 LPL Sealer has a much lower viscosity and an extended working time.

#### PHYSICAL PROPERTIES

**Mixing Ratio:** 2 "A" : 1 "B" by volume  
100 "A" : 43.3 "B" by weight

**Color:** Part A Resin- Clear  
Part B Hardener- Light Amber  
Ad-Mix- Clear

**Viscosity:** @75°F Ad-Mix - 400-500 cps

**Gel-Time:** @75°F 82 min. (6 fl. oz. mass)

**Tack-Free Time:** @75°F 10-12 hours (Shade)  
Tack-free time will improve with  
application in direct sunlight.

**PACKAGING:** Available in 3 gallon, 15 gallon units  
and 165 gallon Drum units.

**COVERAGE:** Anticipated coverage at 20  
mils is approximately 80 sq. ft. per gallon.  
This will vary depending on the aggregate  
size and substrate condition and temperature.

#### SURFACE PREPARATION

Prior to the application, the existing substrate surface should be thoroughly cleaned to remove dirt, dust, oil, etc. Use of detergent and high pressure washing are recommended. E-Bond Whitex may be used to clean and remove any existing white areas on the substrate. CAUTION must be taken that the Whitex does not saturate the surface. Saturation may cause breakdown of the epoxy rock system.

#### Caution

Depending on atmospheric conditions, it may take one or two days for the surface to complete dry after surface preparation. Consideration must be given to any condensation that may occur on the surface in the early morning. **The surface must be thoroughly dry before applying the 1810/1811 LPL Sealer.**

#### Application

Only mix the quantity of material that may be used within the working time based on ambient temperatures. As an example, if the epoxy is placed on the pan two inches deep, the working time should be 40-50 minutes at 75° F and less at higher temperatures.

Epoxy resin and hardener are very greatly affected by temperature changes. Lab controls are run at 75°F. At this particular temperature, the viscosity or fluidability of the resin and hardener are determined.

In the field, it is impossible to control the temperature. However, every step should be taken to maintain the epoxy at 75°F wherever possible. At this temperature, the epoxy resin and hardener work best and will give constant results.

The applicator is cautioned that all containers should be stored in a shady place and not in the direct rays of the sun. The sun will warm up the container and raise the temperature of the resin and hardener substantially.

As a general rule, every 10 degree rise in temperature above 75°F. will substantially lower viscosity and reduce the working time of the resin. Conversely, any 10 degree drop below 75°F will thicken the viscosity and greatly lengthen the working time.

Use special caution to slowly mix the product to keep entrapped air to a minimum, caused by mixing. Use a short nap roller to reduce the possibility of entrapped air caused by rolling. Air entrapped in the system can cause whiteness. It is best to apply the applications on dry, sunny days. The heat from the sun has a tendency to warm up the resin, permitting entrapped air to escape before curing.

The contractor should be well versed with the proper tools to apply 1810/1811 LPL to avoid air entrapment in the thin film. Protect the finished application from inclement weather usually for a period of 2-3 hours at 75° F.

### **Applications on Substrate under 75° F and above 60° F**

It is recommended that the product be stored in an area where the product temperature is at least 80° F. Mix the two components together and hold together for 3-4 minutes prior to dumping in a shallow pan. If the surface is too cold, the epoxy resin system will thicken, making it difficult to spread a thin film. In cool weather applications, coverage may drop dramatically. Air entrapped in the mix can be a problem.

**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  
Zero VOC - Fully reactive, no low boiling constituents.

**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.

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