



ENDURO-CRETE Sloping Mortar

1. Description:

EP ENDURO-CRETE Sloping Mortar is a uniquely formulated two component concrete repair and topping compound consisting of a uniform, premixed blend of portland cements and graded washed silica aggregates with a liquid polymer modifier to promote lasting surface adhesion. It is designed for interior and exterior use in renovation and new construction.

2. Uses:

EP ENDURO-CRETE Sloping Mortar is utilized as a sloping mortar under deck coatings with exceptional adhesion to the substrate. EP ENDURO-CRETE Sloping Mortar is easily applied as a patching cement in concrete substrate repairs. EP ENDURO-CRETE Sloping Mortar may be used in parking deck repairs and overlays; horizontal applications; exterior walkways and ramps; heavy duty load areas; industrial and warehouse repairs and overlays; weather damaged slabs; leveling or creating pitch to drains; and corrosion-resistant overlays.

3. Surface Preparation:

All concrete surfaces to receive EP ENDURO-CRETE Sloping Mortar should be of sound structural grade. For best results on smooth surfaces, apply mechanical abrasion by bead blast or mechanical grinding of the concrete surface. Remove any loose dust or dirt by vacuum cleaning. Test for porosity prior to coating application. Concrete should be completely dry to promote optimum adhesion. Consult Enduro Products regarding methods for checking moisture content of concrete. All concrete surfaces must be clean, dry, and free of all foreign matter such as dirt, dust, oil mildew or other contaminants. Repair cracks and holes in the surface to be coated with appropriate patching materials.

4. Mixing:

Mix EP ENDURO-CRETE Sloping Mortar (50-

lb. bag) with 3/4 to one gallon of EP ENDURO-CRETE Emulsion. The EP ENDURO-CRETE Emulsion should be put into the mixing container first then the EP ENDURO-CRETE Sloping Mortar followed by the appropriate aggregate (when necessary). Use a power mixer on low speed with a mortar mixing paddle to blend. Mix 1 to 2 minutes until the powder has been completely blended and the mix is a smooth homogeneous texture. More or less EP ENDURO-CRETE Emulsion can be added to obtain a desired consistency, however, do not exceed 2 gallons of EP ENDURO-CRETE Emulsion per 50-lb. bag of EP ENDURO-CRETE Sloping Mortar. Once the mixture sets up, do not add any more EP ENDURO-CRETE Emulsion. Pot life per batch is approximately 20 minutes with a working time of 25 to 35 minutes. It is recommended to mix only the amount of mortar needed that can be applied within that time.

5. Packaging:

EP ENDURO-CRETE Sloping Mortar components are available as follows: EP ENDURO-CRETE Sloping Mortar in a 50-lb. bag and EP ENDURO-CRETE Emulsion in 1-gallon and 5-gallon pails.

6. Application:

Pour blended EP ENDURO-CRETE Sloping Mortar over properly prepared concrete or plywood substrate. Apply mixture with a trowel or straight edge. Broom finish may be done after application. After set (no later than 24 hours after application), rough spots or trowel marks may be sanded off or scraped with a trowel.

7. Coverage:

Coverage will vary depending on the condition of the surface and the texture desired to achieve proper dry film thickness. Average applications will yield 45 SF per 50 lb. bag at



1/8" thick. The 28 day compressive strength is 5500 PSI.

8. Limitations:

Avoid application prior to or during moist or inclement weather. Normal application shall be limited to a temperature range of 40 to 90 degrees Fahrenheit. Plastic drains are to be avoided. Do not apply in the rain and do not allow any of the Enduro Products to freeze.

9. Cleaning Instructions:

Uncured material can be removed with soap and water. If cured, material can only be removed mechanically. Clean up tools and equipment with soap and water after use.

10. Safety Health and Environmental Recommendations:

Provide proper ventilation. Avoid coating contact with skin and eyes. Use protective goggles and clothing. In case of eye contact, flood eyes with water and call a physician immediately. Wash hands thoroughly with soap and water after handling. Do not take internally. If ingested, call

a physician immediately. Read the Material and Safety Data Sheet for EP ENDURO-CRETE Sloping Mortar prior to handling or application as supplied by Enduro Products in California: (714) 526-5898, Fax (714) 526-6511; in Florida: (305) 591-8309, Fax (305) 591-8565; email: info@endurokote.com.

11. Warranty:

Enduro Products warrants its EP ENDURO-CRETE Sloping Mortar to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Enduro Products makes no other warranty, expressed or implied, including warranties of merchantability and fitness for a particular purpose with respect for Enduro Products. Enduro Products' sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of EP ENDURO-CRETE Sloping Mortar proven to be defective and Enduro Products shall not be liable for any loss or damage.

