



ENDURO PRODUCTS

Technical Data Sheet

ENDURO-KOTE EKS Pedestrian Deck Coating

1. Description:

EP ENDURO-KOTE EKS Pedestrian Deck Coating is a high performance epoxy-fortified acrylic coating designed for interior and exterior use. It is a durable, abrasion resistant, fluid applied coating for pedestrian surfaces.

2. Uses:

EP ENDURO-KOTE EKS Pedestrian Deck Coating is designed for interior or exterior use on new or existing concrete, plywood or asphalt surfaces.

3. Surface Preparation:

3.1 Concrete: All concrete surfaces to receive EP ENDURO-KOTE EKS Pedestrian Deck Coating should be of sound structural grade. For best results, apply mechanical abrasion by bead or sandblast to the concrete surface. Follow with acid etching using a diluted solution of muriatic or phosphoric acid. Caution: Acids are dangerous if handled improperly. Follow acid label precautions carefully and dispose properly. If the concrete is extremely smooth, the etching process may require repeating. Follow the acid etching with a thorough TSP or other detergent cleaning and rinse with generous amounts of water. After drying, remove any loose dust or dirt by vacuum cleaning or further rinsing. Test for porosity prior to paint application. Concrete should be completely dry to promote optimum adhesion. To check for moisture in the concrete, follow ASTM 6263. 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.

3.2 Plywood: All plywood surfaces should be selected and installed in accordance with the requirements of the applicable building code. All contaminants and imperfections that may impair adhesion must be removed. Glossy or slick surfaces must be scuff sanded prior to coating.

All new plywood surfaces must be primed.

3.2 Asphalt: All asphalt surfaces must be clean, dry, and free of all foreign matter such as dirt, dust, oil mildew or other contaminants. The surface must be structurally sound. Repair cracks and holes in the surface to be coated with appropriate patching materials.

4. Mixing & Priming:

EP ENDURO-KOTE EKS Pedestrian Deck Coating should be used at package consistency. If thinning is required, use water sparingly. New plywood should be primed with EN-70 Primer which is a two part epoxy primer. Stir Part A. Stir Part B. Mix all of Part A with all of Part B for 2 to 3 minutes. The mixed primer should stay in the mixing container for 30 minutes before use. Prime substrate at a rate of 250-300 square feet per gallon with EN-70 Primer. Allow primer to dry until it is tack-free for a minimum of one hour and no more than eight hours before the application of EP ENDURO-KOTE EKS Pedestrian Deck Coating.

5. Color/Finish Packaging:

Consult the Enduro Products Pedestrian Deck Coating Color Chart for available colors. EP ENDURO-KOTE EKS Pedestrian Deck Coating is available in a low sheen finish (sheen @ 85% = 4.0 - 4.4%). Anti-slip coating is a special order. Coating is available in one-gallon and five-gallon containers.

6. Application:

Apply EP ENDURO-KOTE EKS Pedestrian Deck Coating in two (2) coats to achieve proper dry film thickness with a brush or roller. The coating should be applied at full package consistency. The first coat on concrete may be thinned up to 10% with water. Allow 2-4 hours between coats of EP ENDURO-KOTE EKS Pedestrian Deck Coating and 30 minutes to

touch. The coating will be fully cured in 24 hours for normal traffic and 72 hours for heavy traffic. Drying time depends on temperatures and humidity.

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 the mil thickness as follows: EP ENDURO-KOTE EKS Pedestrian Deck Coating at 200 to 250 square feet per gallon to obtain 6 wet mils/2.6 dry mils; and EP ENDURO-KOTE EKS Pedestrian Deck Coating at 75 to 100 square feet per gallon with aggregate to obtain 12 wet mils.

8. Limitations:

Ambient and surface temperatures must be above 55°F and relative humidity below 80%. Do not apply EP ENDURO-KOTE EKS Pedestrian Deck Coating over any type of lightweight concrete without written approval by Enduro Products. Do not apply to surfaces with excessive moisture content or when there is a threat of rain.

9. Cleaning Instructions:

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-KOTE EKS Pedestrian Deck Coating prior to handling or application as supplied by Enduro Products in California: (714) 526-5898, Fax (714) 526-6511; in Florida: (941) 378-9794, Fax (941) 378-9438; email: info@endurokote.com.

11. Warranty:

Enduro Products warrants its EP ENDURO-KOTE EKS Pedestrian Deck Coating 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-KOTE EKS Pedestrian Deck Coating proved to be defective and Enduro Products shall not be liable for any loss or damage.

Technical Data

Total Pigment	36.6%
Titanium Dioxide	15.6%
Extenders	21.0%
Total Vehicle	63.4%
Acrylic Resin	21.5%
Additives	5.0%
Water	36.9%
Weights & Measurements	±3.0%
Percent Solids By Weight	59.5%
Percent Solids By Volume	47.1%
Viscosity	98-102 KU
Coating VOC	46 g/l

SCAQMD - complies with SCAQMD Rule 1113
LEED - complies with Green Seal GS - 11
MPI - #60



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