



ENDURO PRODUCTS

Technical Data Sheet

ENDURO-DEK

Decorative Coating for Pedestrian Decks

1. Description:

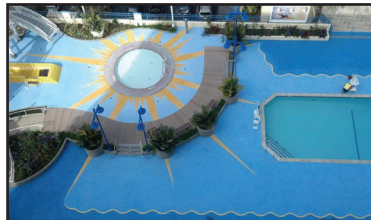
EP – ENDURO-DEK is a multi-layer cementitious/acrylic textured traffic coating system designed to beautify existing concrete surfaces such as pool decks, patios, entry ways and similar pedestrian walking surfaces.

2. Features:

- Economical
- Fast Drying
- Labor Saving
- User Friendly
- Zero VOC

3. Uses:

- Pool Decks
- Walkways
- Patios
- Courtyards



4. Color/Finish/Packaging:

EP – ENDURO-DEK Consists of Enduro-Dek Cement (EDC) in 46 lb. bags, Enduro-Dek Liquid Polymer (EDL) in 1 and 5 gallon containers and Enduro-Kote Pigmented Sealer (EKS) in 1 and 5 gallon containers. Optional products are Enduro Dek Clear Sealer (EDS) and EN-70 Epoxy Primer. Finish options include Knock-Down Splatter texture, broom finish and skip trowel. Colors can be selected from the Enduro-Kote Acrylic Color Chart and optional special colors can be made upon request. Minimum orders may apply for special colors.

5. Preparation:

Concrete shall be cured a minimum of 28 days and have a minimum surface profile CSP 3 or that of medium grit sand paper. Prepare surface by shot-blasting, water-blasting or mechanically grinding and insure that concrete surface is porous enough to readily absorb water. Repair all cracks by routing 1/4" deep by 1/4" wide and repairing with EN 72 Epoxy Paste. All expansion and control joints must be honored and not covered with the Enduro-Dek System. Expansion joints may be sealed with polyurethane sealant prior to the application of the final Enduro-Dek Color Coats.

6. Application:

Begin application of Enduro-Dek immediately after surface preparation has been completed. Priming- Apply a prime coat of Enduro-Kote EKL diluted with 4 parts water to 1 part EKL over all concrete surfaces. Immediately install the first coat of Enduro-Dek Cement at a rate of 150-200 SF per bag by trowel and allow to cure for 1 hour. Once the first coat has cured install Enduro-Dek Cement by trowel or from a texture gun to create the desired texture. Once the texture is complete and cured enough to walk on, scrape off loose materials and apply the Enduro-Kote EKS Pigmented Sealer at rate of 90 SF per gallon to complete the system.

7. Limitations:

Do not apply during rain or snow, or if precipitation is expected within 12 hours. Do not apply if temperature drops below 50 degrees F or rises above 95 degrees F during application. Do not apply solvent based coatings over this product. Not compatible with silicone, coal tar, polysulfide or plasticized PVC.

8. Cleaning Instructions:

Clean up tools and equipment with water before the materials harden.

9. 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 Safety Data Sheet prior to handling or application as supplied by Enduro Products in California: (714) 526-5898, Fax (714) 526-6511; email: info@endurokote.com.

10. Warranty:

Enduro Products warrants its EP – ENDURO-DEK system 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-DEK proved to be defective and Enduro Products shall not be liable for any loss or damage.

PRODUCT SPECIFICATIONS

TEST	REFERENCE	RESULTS
Weatherometer Test	ASTM D 1499	No crazing, cracking, spalling or other degradation of surface Passed Bond Strength Test Did not exceed maximum Thickness allowed Unaffected by industrial detergent 20% solution, ammonia 5% solution Salt 20% solution, kerosene, Anti-freeze and paint thinner Superficially affected by chlorine 10% solution, Moderately affected By muriatic acid 10% solution No breakage, weight loss, cracking, Crazing or delamination Passed no cracking or splitting 5324 PSI.
Accelerated Aging Test	ASTM D 756	
Abrasion Resistance Test	ASTM D 1242	
Chemical Resistance Test	ASTM D 2299	
Freeze Thaw Test	ASTM C 67	
Impact Test	ASTM D 3746	
Compressive Strength Test	ASTM C 109	



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