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TECHNICAL BULLETIN

SEALDEK® EST

*One Part Polyester
High Performance
Aliphatic Exterior Topcoat*

DESCRIPTION

SEALDEK® EST is a polyester, aliphatic, single component, liquid applied, moisture cured, urethane polyurea surface topcoat for waterproofing membrane systems.

FEATURES

- ❖ Very Durable
- ❖ Excellent Weatherability
- ❖ Seamless Waterproofing Membrane
- ❖ UV Resistant For Superior Gloss Retention

TYPICAL USES

- ❖ Concrete
- ❖ Vehicular Traffic
- ❖ Plywood
- ❖ Heavy Pedestrian Traffic
- ❖ Re-sealing Existing Urethane Surfaces
- ❖ Most Metal, Wood, or Masonry Surfaces

COLOR

Medium Grey, Tan, Brick Red and White. Tint-White with color packs are available in Light Grey, Dark Grey, Tan, Dark Tan, and Chocolate.

PACKAGING

1 gallon (3.78 liter) can
5 gallon (19 liter) pail
55 gallon drum, net fill 50 gallons (189 liters)

MIXING

Before application, mix SEALDEK® EST using a mechanical mixer (Jiffy Mixer) at slow speeds until a homogeneous mixture and color is obtained. SEALDEK® EST may also be mixed by hand for at least five minutes. Use caution not to whip too much air into the material as this may result in pinhole blisters or shortened potlife.

APPLICATION

Apply SEALDEK® EST evenly over the entire deck. For best results, airless sprayer or phenolic resin core roller may be used but extra care should be taken not to cause air bubbles.

TECHNICAL DATA: SEALDEK® EST, Pigmented

Coverage Rate	See Guide Specification
Dry Film Thickness, exclusive of aggregate, Per coat @ 1 gal/100 sq. ft.	10 ± 2 mils 254 ± 50 micron
Hardness, ASTM D-2240	95 ± 5 Shore A
Tear Resistance, Die C, ASTM D-624	500 ± 50 pli 87.6 ± 10 kN/m
Tensile Strength, ASTM D-412	3800 ± 300 psi 26.2 ± 2 MPa
Ultimate Elongation, ASTM D-412	250 ± 25%
Specific Gravity	1.14
Total Solids by Weight, ASTM D-2369	70 ± 2%
Total Solids by Volume, ASTM D-2697	61 ± 2%
Viscosity at 75°F (24°C)	1200 ± 600 cps
Volatile Organic Compounds, ASTM D-2369-81	2.79 lb/gal 334 gm/liter

SEALDEK® EST may require more than one coat depending on the job specifications and requirements. When estimating material requirements, coverage rates tend to increase for subsequent coats of material. To obtain proper adhesion between coats it is imperative that re-coating be done within 48 hours.

CURING

At 75°F (24°C) and 50% relative humidity, allow each coat to cure a minimum of 16 hours between each coat. Cure time will vary depending on temperature and humidity.

Allow 24 hours before permitting light pedestrian traffic and at least 72 hours before permitting heavy pedestrian or auto traffic on to the finished surface. If more than 48 hours passes between coats, re-prime the surface with recommended SEALDEK Primer before proceeding.

Uncured SEALDEK® EST is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity

extend the cure time.

To accelerate cure, topcoat Accelerator may be used.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE

SEALDEK® EST has a shelf life of twelve (12) months from date of manufacture when stored indoors at a temperature between 60°F to 95°F (15°C to 35°C) in original factory sealed containers.

LIMITATIONS

Surfaces must be dry, clean and free of foreign matter.

Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications.

Surface may be slippery when wet.

Containers that have been opened must be used as soon as possible.

Do not dilute under any circumstance.

WARNING

This product contains Isocyanates and Solvent.

SEALDEK® EST Clear is considered Dangerous Goods. DOT regulations classify it as: **UN 1263, PAINT, Class 3, PG III, FLAMMABLE LIQUID.**

Please read all information in the general guidelines, product data sheets, system specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local SWS representative or visit our website for current technical data and instructions.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and SWS makes no claim that these tests or any other tests, accurately represent all environments.