

PRODUCT DESCRIPTION

DEK-Guard[™] DEK-680 Wear Coat is a 100% reactive, hybrid blend of urethane acrylate and methyl methacrylate (MMA) designed to cure in an hour. DEK-680 is designed to be applied as the final layer of the deck coating system and is pigmented to match the body coat. DEK-680 has a medium viscosity and provides a high degree of protection from thermal, mechanical, chemical, and UV attack.

TYPICAL USES

DEK-Guard DEK-680 Wear Coat provides the first line of protection against water, salt, and automotive fluids and protects the entire system by locking in the broadcast aggregate. The use of DEK-680 is most appropriate in environments where superior wear characteristics and chemical resistance are desired.

PHYSICAL CHARACTERISTICS

Viscosity (ASTM D2196 cPs): 75

Density (ASTM D1475, lbs/gal): 8.21

Tensile Strength (ASTM D638, psi): 1,400

Elongation at Break (ASTM D638, %): 150%

Shore D Hardness (ASTM D2240): 61

Pot Life: 15-20 minutes

Cure Time: 35-60 minutes

Shelf Life: Minimum 1 year from ship date (unopened)

DOT Classification: Flammable Liquid, Class 3, UN1866

PROPERTIES

- Excellent bonding capabilities – achieves a chemical bond to other DEK-Guard system components.
- Medium viscosity - makes for easy application with a roller, brush, or flat squeegee.
- UV resistant for indoor or outdoor application.
- Cures fast — under one hour.
- Cures at a wide range of temperatures (-15°F - 90°F).
- 100% reactive — VOC compliant.
- Seamless repairability — achieves a chemical bond with itself and with other DEK-Guard components.
- Vapor impermeable.

SURFACE PREPARATION

Once DEK-675 Body Coat has fully cured and excess aggregate has been removed no additional surface preparation is required if applied immediately following the previous coat. If following a different application schedule, please contact your Res-Tek representative.

RES-TEK INC.

110 Riverside Drive
Cartersville, Georgia 30120

P. 888.ResTek-1 (888.737.8351)

F. 770.427.4037



DEK-Guard™

DEK-680 Wear Coat

APPLICATION OF MATERIALS

DEK-Guard DEK-680 Wear Coat is applied over properly cured DEK-675 Body Coat and owner approved silica sand using a 3/8" or 1/2" nap roller, chip brush, or flat squeegee at a rate of 60 – 70 sq. ft./gallon, or 22 – 27 mils. DEK-680 should be pigmented with 8 – 10 volume ounces of pigment per gallon of DEK-680. Pigment and BPO should be dispersed using a Res-Tek dispersing blade attached to a 2,500 rpm drill for 60 seconds. Refer to the DEK-Guard Powder Hardener (BPO) Dosing Chart for pigment and powder hardener (BPO) mixing rates.

STANDARD PACKAGING

DEK-Guard DEK-680 Wear Coat is packaged in 38 lb pails and 400 lb drums. Powder Hardener (BPO) is available in 10 lb or 55 lb boxes. Res-Tek pigments are available in 10 lb or 30 lb. pails.

This product is sold by weight not by volume. Product properties require that containers provided are not completely filled. See price sheet for actual container weight and volume.

CAUTION

DEK-Guard DEK-680 Wear Coat is a flammable liquid in its uncured state (as provided). All sources of ignition should be removed from the work area before handling this product. No smoking, open flames or sparks should be permitted in and around the work area. Workers should wear protective clothing including goggles and

impermeable gloves. If allowable exposure limits are exceeded, organic vapor respirators should be worn. All on-site personnel should become familiar with the SDS and hazard section of the application binder in order to increase hazards awareness.

WARRANTY

Res-Tek Inc. warrants that materials shipped to buyers are free of any defects in material or workmanship according to Res-Tek's published data if used in accordance with Res-Tek's specified application procedure. Res-Tek Inc. shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended, and in accordance with Res-Tek's application guidelines. Res-Tek Inc. has no responsibility for application and processing of products.

STORAGE CONDITIONS

Store material in a cool and dry place out of direct sunlight. Do not store near open flame or ignition source. Read and understand all product labels and SDS prior to use.

RES-TEK INC.

110 Riverside Drive
Cartersville, Georgia 30120

P. 888.ResTek-1 (888.737.8351)

F. 770.427.4037

