

PRODUCT DESCRIPTION

DEK-Guard[™] DEK-675 Body Coat is a 100% reactive hybrid blend of urethane acrylate and methyl methacrylate (MMA) designed to cure in an hour. DEK-675 is pigmented, and broadcast with aggregate, providing traction for vehicular traffic and pedestrian walkways. DEK-675 is designed to be used in conjunction with the DEK-Guard coating system.

TYPICAL USES

DEK-Guard DEK-675 Body Coat is used to secure the aggregate used in the DEK-Guard coating system, providing slip resistance and building thickness within the system. DEK-675 maintains enough flexibility and elongation to allow the concrete to move as needed during normal use while keeping the aggregate firmly in place.

PHYSICAL CHARACTERISTICS

Viscosity (ASTM D2196, cPs): 420

Density (ASTM D1475, lbs/gal.): 8.36

Tensile Strength (ASTM D638, psi): 1,700

Elongation at Break (ASTM D638, %): 250%

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.
- High film build capability- makes for easy application with a roller, brush, or notched 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

No additional surface preparation is required if applied immediately following the application of the previous coat. If following a different application schedule, please contact your Res-Tek representative.

RES-TEK INC.

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DEK-Guard™

DEK-675 Body Coat

APPLICATION OF MATERIALS

DEK-Guard DEK-675 Body Coat is applied over properly cured DEK-650 Flexible Membrane using a 3/8" or 1/2" nap roller, chip brush, or notched squeegee at a rate of 60 – 65 sq. ft./gallon, or 24 – 27 mils. DEK-675 should be pigmented with 6 – 8 volume ounces of pigment per gallon of DEK-675. Pigment and BPO should be dispersed using a Res-Tek dispersing blade attached to a 2,500 rpm drill for 60 seconds. Immediately broadcast to rejection with clean, dry, industrial silica sand provided by Res-Tek. Once DEK-675 Body Coat has fully cured remove any excess aggregate from the surface. Refer to the DEK-Guard Powder Hardener (BPO) Dosing Chart for pigment and powder hardener (BPO) mixing rates.

STANDARD PACKAGING

DEK-Guard DEK-675 Body 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-675 Body 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 hazard 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.

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