



DATA SHEET NO. 7900-304

DECK-O-SEAL® 125 Two-Part Pourable Joint Sealant

DESCRIPTION

DECK-O-SEAL 125 two-part, pourable joint sealant is a self-leveling, polysulfide-based sealing compound. It is a non-staining sealant which cures to a firm, flexible, tear-resistant rubber. DECK-O-SEAL 125 is highly resilient and has excellent recovery characteristics, even after extended periods of compression or elongation. It has outstanding resistance to most chemicals, to all weather conditions, aging, and shrinkage. For on-the-job use, DECK-O-SEAL 125 is supplied in pre-measured 2.84 L (96 oz.) kits consisting of the base compound and a separate container of the setting agent. There is enough room in the base container for introduction and mixing of the setting agent. NOTE: DECK-O-SEAL 125 is 25% firmer than regular DECK-O-SEAL.

USES

DECK-O-SEAL 125 is used for horizontal applications. It is ideal for general purpose sealing of joints and seams subjected to high pedestrian or vehicular traffic, such as mall floors or garage floors. DECK-O-SEAL 125 offers high tensile strength and is excellent for joints in swimming pool floors. (Pool floor applications must be primed with REZI-WELD LV from W. R. MEADOWS.)

FEATURES/BENEFITS

- Moisture-insensitive.
- Resistant to most chemicals.
- Unitized packaging.
- Long service life.
- Maintenance-free.

PACKAGING

Patented, pre-measured, two-component unitized, easy-to-handle 2.84 L (96 oz.) kit contains proper ratio of base to setting agent, which must be maintained. Included in each kit is the base material, setting agent, stirring paddle and applicator bottle. Four kits are included in each carton.

COLOURS

Standard colours include Dura-White, Stone Gray, and Desert Tan. Jet Black and Redwood are available upon special order.

SPECIFICATIONS

- ASTM C 920, Type M, Grade P, Class 25, T and NT
- CRD-C506, Type I, Classes A & B
- Federal Specifications A-A-1556A, Type M, Grade P, Class 25, T and NT

TECHNICAL DATA*

Shore Hardness	A 30±5
Consistency	Liquid, Self Leveling
Tack-Free Time	8 Hours
Linear Shrinkage	Negligible
Tensile Strength	0.86 MPa (125 psi)
Elongation	400%+
Peel Adhesion (per ASTM C 794) (With primer)	Plate Glass-357.2 grams/mm (20 lb/in.) min. Aluminum-357.2 grams/mm (20 lb/in.) min.
Application Temperature Range	4° C (40° F) min.
Storage Life	1 year when stored in unopened containers under 27°C (80°F)

*All technical data is typical information, but may vary due to test methods, conditions and operators.

APPLICATION

Follow these instructions carefully for maximum effectiveness. BE SURE TO WEAR PROTECTIVE SAFETY GLASSES AND CHEMICAL-RESISTANT GLOVES.

Surface Preparation ... Remove foreign substances, incompressibles, and free water from joint opening. For proper adhesion, joints must be clean and dry. Dust, dirt, and laitance should be removed prior to application. Concrete should be completely cured, free from all foreign materials and contamination from curing agents. (Industry accepted standard for curing is 28 days). To maintain cleanliness around the joint to be sealed, apply masking tape 50.8 mm (2") wide to the surfaces adjoining both sides of the joint before REZI-WELD LV and /or DECK-O-SEAL 125 is applied.

Continued over ...

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Priming ... DECK-O-SEAL 125 adheres well to unprimed concrete; however, REZI-WELD LV is recommended for optimum adhesion. REZI-WELD LV is required for all joints subjected to hydrostatic pressure, submersed under water, and/or for any joint over 25 mm (1") in width.

Joint Sizes ... Proper joint design practices and application techniques must be followed for successful performance. DECK-O-FOAM® or CERA-ROD® from W. R. MEADOWS may be used as a joint backing material to control sealant depth and provide proper joint configuration. For larger joints, use a non-asphaltic joint filler, such as CORK EXPANSION JOINT from W. R. MEADOWS, in the joint before sealing.

A 2:1 width-to-depth ratio should be maintained. However, in no case should joint sealant depth be less than 6.35 mm (1/4") or exceed 12.7 mm (1/2"). DECK-O-SEAL 125 should NOT be used in joints less than 6.35 mm (1/4") wide

Mixing ... DECK-O-SEAL 125 is supplied in pre-measured kits with a ratio of setting agent to base, which must be maintained. Store and mix in a cool, shaded area. Do not mix until ready to use. (Product cannot be re-sealed for future use.)

De-rim both cans with a can opener. Pour the setting agent into the base and mix slowly. To aid in proper mixing, scrape material from the sides and bottom of the container until a uniform colour is obtained. **Continue mixing for a recommended 10 minutes, minimum.** A slow-speed drill can be used. Care must be taken to ensure that all setting agent is thoroughly blended with the base component. Avoid trapping air in the sealant.

Application Method ... At 25° C (77° F) and 30% relative humidity, the application life is approximately one hour. Apply thoroughly blended material with supplied squeeze bottle, caulking gun, or any other suitable applicator. Be sure to remove masking tape from both sides of the joint before the sealant starts to set. DECK-O-SEAL 125 will set firm and rubbery within 24 hours at 25° C (77° F). At lower temperatures, curing time may take longer.

Cleanup ... Application equipment should be cleaned promptly with xylene or toluene.

PRECAUTIONS

DECK-O-SEAL 125 is not compatible with asphalt and cannot be used in asphalt concrete pavement or with asphalt-impregnated expansion joint fillers. Note: Do not apply paint over surfaces sealed with DECK-O-SEAL 125. It is strongly recommended that joints under the water line be installed by a professional contractor trained in joint sealing application techniques. Consult with an engineer for proper joint design or waterproofing detail. Homeowners should not attempt these installations.

HEALTH AND SAFETY

Avoid skin contact. If contact should occur, wash affected areas immediately with soap and water. Refer to Material Safety Data Sheet for complete Health and Safety Information.

MASTERFORMAT NUMBER AND TITLE

13 11 00 – Swimming Pools

LEED INFORMATION

May help contribute to LEED credits:

- IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most recent data sheet, further LEED information, and MSDS, visit www.deckoseal.com.



2021-01-19

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