



W. R. MEADOWS



## DATA SHEET NO. 7900-306

### DECK-O-SEAL® 150 Two-Part Pourable Joint Sealant

#### DESCRIPTION

DECK-O-SEAL 150 two-part, pourable joint sealant is a self-leveling, polysulfide-based sealing compound. DECK-O-SEAL 150 is a non-staining sealant which cures to a firm, flexible, tear-resistant rubber. It is highly resilient and has excellent recovery characteristics even after extended periods of compression or elongation. DECK-O-SEAL 150 has outstanding resistance to most chemicals, to all weather conditions, aging, and shrinkage. For on-the-job use, DECK-O-SEAL 150 is supplied in 2.84 L (96 oz.) pre-measured kits consisting of the base compound and a separate container of setting agent. There is enough room in the base container for introduction and mixing of the setting agent.

#### USES

DECK-O-SEAL 150 is designed for general purpose sealing of joints and seams that are saw cut in forklift traffic areas.

#### 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. There are four kits per carton.

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

#### COVERAGE

| Joint Depth       | Joint Width    |                  |                   |                   |                   |                   |                 |
|-------------------|----------------|------------------|-------------------|-------------------|-------------------|-------------------|-----------------|
|                   | 6.4 mm<br>(¼") | 9.5 mm<br>(3/8") | 12.7 mm<br>(1/2") | 15.9 mm<br>(5/8") | 19.1 mm<br>(3/4") | 22.2 mm<br>(7/8") | 25.4 mm<br>(1") |
| 6.4 mm<br>(1/4")  | 70.4<br>(231)  | 46.9<br>(154)    | 32.3<br>(106)     |                   |                   |                   |                 |
| 9.5 mm<br>(3/8")  |                | 31.1<br>(102)    | 23.5<br>(77)      | 18.9<br>(62)      | 15.5<br>(51)      |                   |                 |
| 12.7 mm<br>(1/2") |                |                  | 17.7<br>(58)      | 46<br>(14)        | 11.5<br>(38)      | 10<br>(33)        | 8.8<br>(29)     |

Approximate number of lineal feet (lineal meters) that can be sealed with 2.84 L (96 oz.) DECK-O-SEAL 150 kit.

#### SHELF LIFE

One year from date of manufacture. Store unopened product in a cool, dry place under 27° C (80° F).

#### SPECIFICATIONS

- ASTM C 920, Type M, Grade P, Class 25, T and NT

#### PHYSICAL PROPERTIES

|                                   |                       |
|-----------------------------------|-----------------------|
| Shore Hardness                    | Shore A 40±5          |
| Consistency                       | Liquid, Self Leveling |
| Tack-Free Time                    | 8 Hours               |
| Linear Shrinkage                  | Negligible            |
| Tensile Strength                  | 0.86 MPa (125 psi)    |
| Elongation                        | 400%+                 |
| Peel Adhesion<br>(per ASTM C 794) |                       |
| Plate Glass,                      | 357 g/mm              |
| Aluminum (With primer)            | (20 lb/in.) min.      |
| Application Temperature           | 4° C (40° F) min.     |
| VOC Content                       | 50 g/L                |

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

Continued over ...

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## 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 and 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 P/G PRIMER from W. R. MEADOWS and/or DECK-O-SEAL 150 is applied.

**Priming** ... DECK-O-SEAL 150 adheres well to unprimed concrete; however, P/G PRIMER is recommended for optimum adhesion. P/G PRIMER is required for all joints subjected to hydrostatic pressure, submersed under water, and/or joints over 1" (25.4 mm) in width.

**Joint Sizes** ... Proper joint design practices and application techniques must be followed for successful performance. DECK-O-FOAM® or KOOL-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 6.4 mm (1/4") or exceed 12.7 mm (1/2"). DECK-O-SEAL 150 should NOT be used in joints less than 6.4 mm (1/4") wide.

**Mixing** ... DECK-O-SEAL 150 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 10 minutes, minimum.** A slow-speed drill can be used. Care must be taken to ensure that all of the setting agent is thoroughly blended with the base component. Avoid trapping air in the sealant.

**Application Method** ... At 77° F (25° C) 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 150 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 150 is not compatible with asphalt and cannot be used in asphalt concrete pavement or with asphalt-impregnated expansion joint fillers. Due to issues in maintenance, water chemistry, and/or the type of sanitizer used, settlements and growths can attach to the product. This is usually a cosmetic issue only and does not affect the integrity of the product. It is recommended that a NSPF-certified pool operator or like professional maintains the pool and water according to the bather load at least weekly in accordance to APSP guidelines and the Langelier Saturation Index. It is strongly recommended that joints under the water line be installed by a licensed contractor trained in joint sealing application techniques. Consult with an engineer for proper joint design. Homeowners should not attempt these installations. Avoid skin contact. If contact should occur, wash immediately with soap and water. Refer to Material Safety Data Sheet for complete health and safety information.

## MASTERFORMAT NUMBER AND TITLE

07 92 16 - Rigid Joint Sealants

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**WARRANTY:** W. R. Meadows of Canada warrants that, at the time and place we make shipment, our materials will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM OF TRADE OR OTHERWISE. As the exclusive remedy for breach of this Warranty, we will replace defective materials, provided, however, that the buyer examine the materials when received and promptly notify us in writing of any defect before the materials are used or incorporated into a structure. Three (3) months after W. R. Meadows of Canada has shipped the materials, all our Warranty and other duties with respect to the quality of the materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates and no action for breach of any such duties may thereafter be commenced. W. R. Meadows of Canada shall in no event be liable for consequential damages. Unless otherwise agreed to in writing, no warranty is made with respect to materials not manufactured by W. R. Meadows of Canada. We cannot warrant or in any way guarantee any particular method of use or application or the performance of materials under any particular condition. Neither this Warranty nor our liability may be extended or amended by our salesmen, distributors or representatives, or by our distributor's representatives, or by any sales information or drawings.

**LEED INFORMATION**

May help contribute to LEED credits:

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

For the most current data sheet, further LEED information, and MSDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).

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