



W. R. MEADOWS.



DATA SHEET NO. 7900-303

DECK-O-SEAL®
Two-Part, Elastomeric, Polysulfide-Based Joint Sealant

DESCRIPTION

DECK-O-SEAL two-part, polysulfide-based joint sealant is a premium-grade, pourable, self-levelling sealant. It is a non-staining sealant that cures at an ambient temperature to a firm, flexible, tear-resistant rubber.

USES

DECK-O-SEAL is used for caulking and sealing joints subject to movement to provide a firm, flexible, weather-tight seal. It is ideal for sealing joints on swimming pool decks. It is applicable to both interior and exterior use.

FEATURES/BENEFITS

- Highly resilient with excellent recovery characteristics.
Provides a uniform, watertight seal.
Prevents uncontrolled cracking by allowing expansion and contraction during temperature changes
Stays flexible ... won't become brittle or crack due to ultraviolet exposure.
Resists abrasion, weathering, and moisture ... elevated temperatures will not cause discoloration.
Not affected by today's pool chemicals.
Retains joint soundness in service once it's cured and can be stretched or compressed up to 25%.

PACKAGING

Patented, pre-measured, two-component unitized, easy-to-handle package contains proper ratio of base to setting agent, which must be maintained. 2.8 L (96 oz.) base material can, setting agent, stirring paddle and applicator are all included. 0.71 L (24 oz.) unitized packaging kits are also available. NOTE: Applicator bottle is not included in the 0.71 L (24 oz.) kits.

COVERAGE

(Approximate quantity which can be sealed with a 96 oz. DECK-O-SEAL Kit.)

Table with 8 columns: mm, 6 mm, 9 mm, 12 mm, 16 mm, 19 mm, 22 mm, 25 mm. Rows show coverage in meters for various joint widths.

SPECIFICATIONS

- CRD-C-506, Type I, Classes A & B
ASTM C 920, Type M, Grade P, Class 25, NT
Federal Spec A-A-1556A, Type M, Grade P, Class 25, NT
Agriculture & Agri-Food Canada Accepted

SHELF LIFE

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

TECHNICAL DATA

Table with 2 columns: Property and Value. Rows include Consistency, Application Life, Tack-Free Time, Linear Shrinkage, Shore Hardness, Tensile Strength, Elongation, Peel Adhesion, and Application Temperature Range.

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

CONTINUED OVER ...

W. R. MEADOWS® OF CANADA
70 Hannant Court, Milton, ON L9T 5C1
38 Rayborn Crescent, St. Albert, AB T8N 4B1
(800) 342-5976
Montreal Sales: (877) 405-5186

Hampshire, IL / Cartersville, GA / York, PA / Fort Worth, TX
Benicia, CA / Pomona, CA / Goodyear, AZ / Milton, ON
St. Albert, AB
www.wrmeadows.com

COLOUR

Dura-White, Stone Gray, Desert Tan (Black, Redwood, and custom colours available by special order)

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 is applied.

Priming ... DECK-O-SEAL 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 underwater, and/or joints over 25.4 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 by 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 should NOT be used in joints less than 6.4 mm (1/4") wide

Mixing ... DECK-O-SEAL 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. Mix small can (setting agent) first, then pour into larger can. 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 and 30% relative humidity, the application life is approximately one hour. Apply thoroughly blended material with supplied squeeze bottle, 2.8 L (96 oz. kits only), caulking gun, or any other suitable applicator. Be sure to remove masking tape from both sides of joint before the sealant starts to set. DECK-O-SEAL will set firm and rubbery within 24 hours at 25° C. At lower temperatures, curing time may take longer.

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

PRECAUTIONS

DECK-O-SEAL is not compatible with asphalt and cannot be used in asphalt concrete pavement or with asphalt-impregnated expansion joint fillers. NOTE: It is not recommended to apply paint over DECK-O-SEAL products. DECK-O-SEAL cannot be used underwater. Only DECK-O-SEAL 125 or DECK-O-SEAL GUN GRADE should be used in joints under the waterline and it is strongly recommended that joints under the waterline be installed by a professional contractor trained in joint sealing application techniques. For all underwater applications, SELF-EXPANDING CORK EXPANSION JOINT from W. R. MEADOWS should be used as the backer rod in the joint.

MASTERFORMAT NUMBER AND TITLE

07 92 13 - Elastomeric Joint Sealants

13 11 00 - Swimming Pools

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management
- EQc2: Low-Emitting Materials [For Healthcare and Schools (exterior-applied products) ONLY]

For most recent data sheet, further LEED information, and SDS, visit www.wrmeadows.com.

2016-12-13



© SEALTIGHT is a registered trade mark of W. R. Meadows

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