

GUIDE SPECIFICATION FOR BACKER ROD FOR COLD-APPLIED SEALANTS: KOOL-ROD™ JOINT FILLER

SECTION 07 91 23 – BACKER RODS

BACKER ROD FOR COLD-APPLIED SEALANTS

Specifier Notes: This guide specification is written according to the Construction Specifications Institute (CSI) format. The section must be carefully reviewed and edited by the architect or engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: KOOL-ROD is specifically designed as a compressible backing material to be used in conjunction with a wide variety of cold-applied joint sealants. KOOL-ROD is a closed-cell, polyethylene, flexible, rope-like foam joint backing material. This material is virtually non-absorbent and chemically inert to most solvents. KOOL-ROD will not stain or adhere to sealant materials. It is fully compatible with acrylic, butyl, polyurethane, polysulfide, silicone, and most other cold-applied sealant compounds.

KOOL-ROD is highly adaptable for both vertical and horizontal applications. It is commonly used in glazing operations, copings, between precast panels, and around door and window perimeters. It provides the perfect backing for all types of construction, expansion, isolation, control, and pavement joints.

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Application of closed-cell foam backer rod.

1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 03 00 00 - Concrete.
- B. Section 13 11 00 – Swimming Pools
- C. Section 32 13 73.16 – Field-Molded Concrete Paving Joint Sealants.

1.03 REFERENCES

- A. ASTM C 1330 - Standard Specification for Cylindrical Sealant Backing for Use with Cold Liquid Applied Sealants.

1.04 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Submit manufacturer's product data and application instructions.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean, dry area in accordance with manufacturer's instructions.
- C. Protect materials during handling and application to prevent damage.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. W. R. MEADOWS, INC., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Web Site www.wrmeadows.com.

2.02 MATERIALS

- A. Performance Based Specification: backer rod joint filler shall be flexible, lightweight, non-staining, polyethylene, and closed cell. It shall be a chemical-resistant, ultraviolet stable, non-absorbent, low density, compressible foam.
- B. Proprietary Based Specification: KOOL-ROD Backer Rod by W. R. MEADOWS.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine areas to receive backer rod. Notify architect if areas are not acceptable. Do not begin application until unacceptable conditions have been corrected.

3.02 APPLICATION

- A. Install backer rod in accordance with manufacturer's instructions.
- B. Ensure joint or opening is clean, dry and free of obstructions.
- C. Select the proper backer rod diameter and cut to length or use directly from the spool.
- D. Uniformly install backer rod with a blunt instrument or roller at a level recommended by the sealant manufacturer, specifier or architect.
- E. Seal the concrete with joint sealant.

3.03 PROTECTION

- A. Protect pavement joint sealant from traffic until fully cured.

END OF SECTION