

GUIDE SPECIFICATION FOR DECK-O-DRAIN DRAINAGE SYSTEM

SECTION 07100

CONCRETE DECK DRAINAGE SYSTEM

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: W.R. Meadows DECK-O-DRAIN Easy to Install Drainage System is an effective drainage system for concrete pool decks. Wherever specified, the system effectively collects and carries water away quickly from pool decks and other patio areas. Made of tough, long lasting PVC, the DECK-O-DRAIN System resists wear and is non-corrosive. Both the deck and subgrade receive watertight protection, while the DECK-O-DRAIN also serves as an effective expansion and contraction joint system.

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Installation of PVC drainage system.

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 02300 - Site Grading.
- B. Section 02600 - Site Drainage.
- B. Section 03300 - Cast-in-Place Concrete.
- C. Section 07900 - Joint Sealants.

1.04 SUBMITTALS

- A. Comply with Section 01330 - 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.

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. Easy to install drainage system made of long-lasting PVC that resists wear and is non-corrosive and is flexible enough to offer an effective expansion and contraction joint system.
 - 2. Proprietary Based Specification: Deck-O-Drain Drainage System by W.R. Meadows.

2.03 ACCESSORIES

- A. Coupler - Deck-O-Drain PVC Coupler.
- B. Adaptor - Deck-O-Drain PVC Adaptor.
- C. Fitting - Deck-O-Drain PVC Fitting.
- D. Joint Sealant - Deck-O-Seal Polysulfide Joint Sealant.
- E. Backing Rod - Kool Rod Closed Cell Polyethylene Backer Rod.
- F. Expansion Joint Filler - Deck-O-Foam Expansion Joint Filler.
- G. Control Joint Filler - Deck-O-Joint Control Joint Filler.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine surfaces to receive membrane. Notify Architect if surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

- A. Grade sub-soil, sloping it toward drain location.

3.03 APPLICATION

- A. Install drainage system in accordance with manufacturer's instructions.
- B. Along planned path for drain, drive short, 3 1/2" wide stakes into the ground.
- C. Space stakes 30 inches apart. Two (2) nailing clips per each 10-foot section.
- D. Attach snap-on nailing clips and place drain over the stakes. Use couplers to ensure a straight, even line.
- E. After carefully aligning, nail firmly to stakes.
- F. Insert adaptor. Can be hooked to 1 1/2" or 2" PVC pipe. Pipe can be adapted to any direction.
- G. Place concrete and trowel gradual slope to drainage system.
- H. After concrete has set, install end plug and remove protective tape.

END OF SECTION