

Technical Information Sheet



Elevate Drain Inserts

| Item Description | Item Number |
|----------------------|-------------|
| 3" (76 mm) | W56RAC2713 |
| 4" (102 mm) | W56RAC2714 |
| 6" (152.4 mm) | W56RAC2716 |
| Red Replacement Dome | W56RAC2710 |

Description

The Elevate Drain Insert is specifically designed to be used in Elevate roofing systems where an existing drain is to be left in place.

Method of Application

1. Inspect existing drain pipe to ensure there are no cracks or other signs of potential failure.
2. Using a wire brush, clean existing drain line of all loose debris and clean away all moisture. If necessary, use a heat gun to thoroughly dry the drain line.
3. Ensure drain sleeve is the proper size before removing plastic restraining tape. Remove plastic restraining tape just prior to inserting into drain sleeve.
4. Apply a bead of Elevate Water Block S-20 to leading edge of expanding tape.
5. Turn drain in a clockwise motion while seating drain unit. Seat entire unit so flange is flush with insulation.
6. **NOTE:** In colder weather a heat gun may be used to assist expansion of the foam tape. In the event that the pre-compressed tape has expanded larger than the inside diameter of the roof drain, the tape can be recompressed by hand.
7. Remove dome strainer and clamping ring. Apply a bead of Elevate Water Block S-20 on the drain flange.
8. Bring roof membrane onto drain flange. Membrane should extend past drain clamping ring to ensure membrane from slipping.
9. Install clamping ring and tighten so the Elevate Water Block S-20 and membrane compress and form a watertight gasket. **NOTE:** Do not tighten bolt greater than 100 torque inch pounds.
10. Water test the drain to ensure the existing drain system is free to facilitate water flow.

Storage

- Store material in original packaging.

- Keep in a dry area.
- Keep away from sources of physical damage or chemical contamination.

Precautions

- Refer to Safety Data Sheets (SDS) for additional safety information.

LEED® Information

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Bensenville, IL

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

| Typical Properties | |
|----------------------------|---|
| Properties | Value |
| Stock Sizes | For 3", 4" and 6" (76 mm, 102 mm and 152 mm) i.d. drains |
| Flange | Spun 0.060" (1.5 mm) thick; 22,000 psi tensile strength; Special aluminum alloy; 18" (457 mm) diameter; Flat for flush mounting; Pre-punched slots for fastener securement |
| Inner Attachment Slots | 1/4" x 1/4" long (6.3 mm x 31.7 mm long) slots with 1/4" (6.3 mm) full radii on a 14" (355 mm) diameter circle, 4 slots 90° apart. |
| Outer Attachment Slots | 1/4" x 1/2" long (6.3 mm x 38.1 mm long) with 1/4" (6.3 mm) full radii on a 17" (432 mm) diameter circle, 4 slots 90° apart. |
| Tube Body | 3" Insert – 2 1/2" Outside Diameter 4" Insert – 3 1/2" Outside Diameter 6" Insert – 5 1/2" Outside Diameter Constant diameter extruded aluminum alloy, wall thickness .065" (1.65 mm), standard length 16" (406 mm). |
| Construction | All joints fusion welded by machine conforming to the requirements for "gas-tight" joints, all welds stress relieved. |
| Dome | Die-cast aluminum coated with long-life powder coated epoxy, red in color, 9 1/2" (241 mm) outside diameter. |
| Clamping Ring | Die-cast aluminum Clamping Ring, 10 1/8" (257 mm) outside diameter. |
| Hardware for Clamping Ring | 4 stainless steel 1/4"-20 UNC x 1 3/8" (35mm) long studs with 4 stainless steel washers and nuts. |
| Dome Rubber Seal | 4 stainless steel bolts, 1/4"-20 UNC x 3/4" (19 mm) long, 7/16" (11 mm) hex head. Flexible, synthetic rubber seal, 60 Durometer, Shore A, that forms a more watertight seal as water pressure increases (patent pending). 3.09" (78.5 mm) or 4.09" (104 mm) outside diameter. |
| Weight | 3" Drain Insert – 9 lb (4.1 kg); 4" Drain Insert – 10 lb (4.5 kg); 6" Drain Insert – 12 lb (5.4 kg) |

Please contact Holcim Technical Services at 800-428-4511 for further information.

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