



ERS-RETROFIT DRAINS

CLAMP RING RETROFIT DRAINS

STAINLESS & ALUMINUM CLAMP RING DRAINS FOR HOT OR COLD BUILT UP ROOF SYSTEMS

DESCRIPTION

ERS-Retrofit Drains are built for durability and ease of installation. Constructed from stainless steel and aluminum, ERS-Retrofit Drains can stand up to the elements for a long service life. The drains also feature a urethane back-flow seal that can be quickly activated with a 7/16" wrench. The 14" X 14" pre-punched drain flange is secured to the roofing system. A low-profile clamping ring reduces ponding.

ERS-Retrofit Drains are available in sizes to fit existing drain leaders with diameters of 3", 4", 5", and 6".

INSTALLATION

Clean existing drain and discard existing clamping ring assembly. Install the ERS roof system plies over drain pipe and cut a hole the diameter of the drain pipe. Push down on the two backflow rods to lower the backflow seal, taking care that the top of the activation cone should remain inside the bottom of the urethane seal. Place ERS-Retrofit Drain into the leader pipe and secure the flange to the substrate by installing specified fasteners through eight pre-punched holes. Apply one 11oz tube of approved ERS sealant (ERS-303; ERS-303-U) in an eight inch circle around the drain center, and around each clamping ring stud. Cut an ERS flashing membrane that will cover the flange, and extend onto the field membrane a minimum of 6" on all sides. Use the clamping ring as a template to mark on the flashing the locations of the six studs. Set the flashing sheet of ERS membrane over the drain flange, studs, caulk, into the specified adhesive, to extend onto the field not less than six inches in all directions. Install the clamping ring over the flashing sheet and secure with the lock nuts provided. Align the strainer over the securement brackets and fasten it with stainless steel bolts provided.

GENERAL DATA

Existing Drain Leader Size	ERS-Retrofit Drain Size Needed
2 3/4" to 3"	3"
3 3/4" to 4"	4"
4 3/4" to 5"	5"
5 3/4" to 6"	6"

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