
July 11, 2003

R1100-EU & R1200-EU Roof Drain Installation Instructions

Turn the A-1 or A-2 roof drain body turned upside down, install the three 8" long, 5/16" diameter, all thread rods (bagged in the HS-3 hardware kit) into the three pre-greased drilled and tapped holes provided.

Determine the thickness of the insulation required. For example, if the insulation thickness is 3", then spin the three nuts onto the all thread rods down so that they are positioned 3" from the underside of the body flange. Slide the three washers over the all thread rods to rest against the three nuts.

(If the deck and insulation thickness is greater than 8", contact MIFAB for longer all thread rods.)

Slide the A1-C3 or A2-C3 extension ring onto the all thread rods to rest against the three washers (ensure that the 3 tabs on the ring face down toward the drain outlet). Then, turn the entire assembly upside down and set the extension ring onto the roof deck opening. (Deck opening of 6 3/8" for the A1 body or 10" for the A-2 body).

The three all threaded rods will now extend through the roof deck.

Slide another A1-C3 or, A2-C3 underdeck clamp up, (with the flat surface against the roof deck and the tabs facing down) onto the three threaded rods to rest against the underside of the deck and use the three additional washers and nuts provided to grip the underdeck clamp to the underside of the roof deck. You will now have the roof drain clamped securely to the roof deck.

Measure the distance from the pipe connection on the body down to the elbow in the rainwater leader (or drain pipe). Cut the pipe to length and install it through the underdeck clamp opening and through the extension ring to connect to the underside of the roof drain body. You now have the drain pipe secured to the underside of the roof drain body.

Install the insulation between the roof deck and the underside of the body flange. Place the roof waterproofing membrane over the body flange and clamp it down onto the body flange using a third A1-C3 or A2-C3 membrane clamp ring.