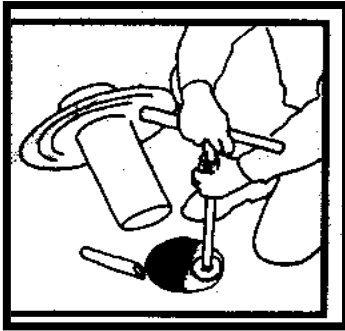


PROLINER® RETROFIT DRAINS

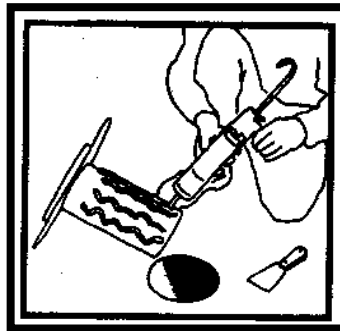


3310 N Benzing Road
Orchard, NY 14127
Ph: 800-828-8424
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Installation Instructions



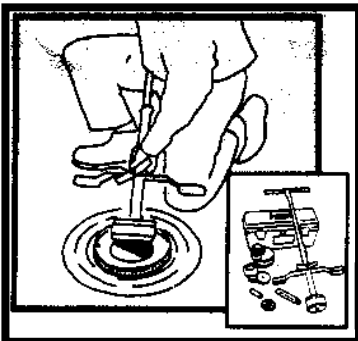
Step 1.
Inspect existing outlet and downpipe make sure there are no cracks or signs of potential failure. Using scrapper and wire brush attachments clean existing outlet/downpipe. Set the expander tool step plate to form first compression seal at the very bottom of the lead spigot.



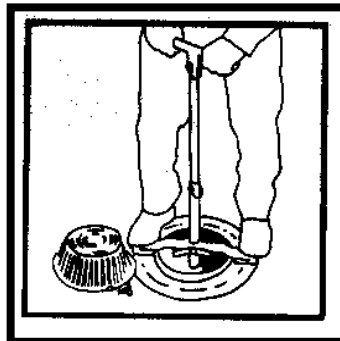
Step 2.
Make sure the difference between the outside diameter of the ProLINER spigot and the inside diameter of the existing outlet/downpipe is not greater than 3/8". Apply ProLINER sealant to Proliner outlet and existing drain leader. Spread sealant evenly around whole outlet.



Step 3.
Insert ProLINER into existing drain, fully bond or mechanically secure flange to the roof. Provide support for the flange. I.e. Use treated plywood, ridged insulation or pack bowl.



Step 4.
Select the largest sized compression plates and rubber that fit into the ProLINER spigot. Set the step plate to form the first expansion on the end of the spigot. Proliner Expander Tool Kit consists of 4 Expansion Heads (3", 4", 5" and 6".) 2" available per request.



Step 5.
Ensure the flange is fully supported and at the desired level. Expand the end of the ProLINER spigot by turning the handle of the ProLINER expander tool clockwise a minimum twelve half turns 3", 4" six half turns 5", 6". Only expand the spigot where supported by existing drain.

Step 6.
Fix waterproofing membrane as manufacturers instructions to the flange. **Do not torch directly at the ProLINER. Do not super heat the ProLINER.** Take finishing membrane under clamping ring and cut flush with spigot opening. Secure clamping ring over membrane when still warm. Secure strainer with the 3 bolts supplied

WARRANTY

Marathon Roofing Products are inspected and warranted. Any product proven to be defective within 1 year of installation will be replaced or cost price refunded, at the Company's option, excluding the following:

- Damaged caused in transit
- Coatings, adhesives and cements not applied in factory
- Failure caused by other than drain usage from a roof, i.e. damage by workman, falling objects, caustic and acidic conditions.

Architectural Specs

Provide and install Marathon Proliner Drain consisting of 18" Diameter, 20 oz Copper flange; plain finish for EPDM rubber and Hypalon; asphalt prime coated for BUR and Modified Bitumen; and PVC coated for PVC and other thermoplastic systems. The outlet shall be of malleable metal alloy sized according to existing drain and manufacturer's instructions. The difference between the I.D. of the existing drain and O.D. of the Proliner outlet shall not be greater than 3/8".

Selection Guide

Determine condition of existing roof drain style. Incorrect selection may prevent proper placement of flange on existing roof surface.

1. After Proliner Straight or Funnel has been selected to suit existing drain condition, the next consideration is the correct sizing of the Proliner outlet to the existing drainpipe.
Example: If existing drain has a 3" inside diameter a No. 3 Proliner outlet which measures 2 3/16" outside diameter will easily fit. Always measure existing drain at the point of outlet entry and after it has been cleaned.
2. Make sure Proliner outlet extends a minimum of 5" into the drainpipe. In some instances as when a right angle turn is quickly encountered outlet may be too long. Sizing to length is easily done with tin snips, hacksaw or small propane torch.
3. Choose drain flange surface options best suited for application into re-roofing system. Primed, Plain, or PVC Coated. Clamping option, which is available on only Proliner Straight, is recommended for single-ply systems.
4. Order drain by catalog number found in charts giving flange surface option. **Example:** Drain with an existing 3" pipe to be flashed into a retrofit BUR system would be PS3 Primed.
5. To help eliminate incorrect orders, always verify sizes/specifications before ordering.
6. Further technical assistance may be obtained by calling us at 800-828-8424