

LeakBuster™ MWeld Pre-Flashed Lead Jack

Data Sheet

Updated: 1/10



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LEAKBUSTER™ MWELD PRE-FLASHED LEAD JACK (1 OF 2)

Description

Pre-Flashed Lead Jacks are pre-flashed with modified bitumen membranes and are designed to waterproof vent pipes.

- Lead Jacks are manufactured from 4 lb (1.81 kg) lead. They are 12" tall with standard jack sizes of 1 1/2" (38 mm), 2" (50 mm), 3" (75 mm), 4" (100 mm), 5" (127 mm), and 6" (152 mm).
- Custom orders or unusual details can be designed and fabricated by our custom fabrication shop.
- Pre-Flashed Lead Jacks are flashed with either APP or SBS modified bitumen membranes, smooth or colored granule surfaces, to accommodate most built-up and modified bitumen roofing projects. Unflashed Lead Jacks are also available in either the 4 lb or the 2 1/2 lb (1.3kg).
- Packaging: 3 flashed or 3 unflashed per box.

Uses

- Pre-Flashed Lead Jacks can be used as a pipe cover to replace finger and cap flashing on standard vent pipe details.

Uses (Continued)

- Pre-Flashed Lead Jacks make a quick and effective repair for cracked or leaky pipe flashing on existing roofs.

Advantages

- Factory assembly allows a high degree of quality control over all roof flashing. Helps eliminate labor time and call backs.
- Stress cracks are eliminated because the Pre-Flashed Lead Jack is attached to the field membrane, not to the pipe. This method of attachment allows for pipe movement and expansion/contraction of membrane.

Technical Data

Available Pre-Flashed Lead Jack:

- 4 lb (1.81 kg) lead = 1/16" thick

Flashing Material Available:

- APP Smooth
- APP Granulated
- SBS Smooth
- SBS Granulated

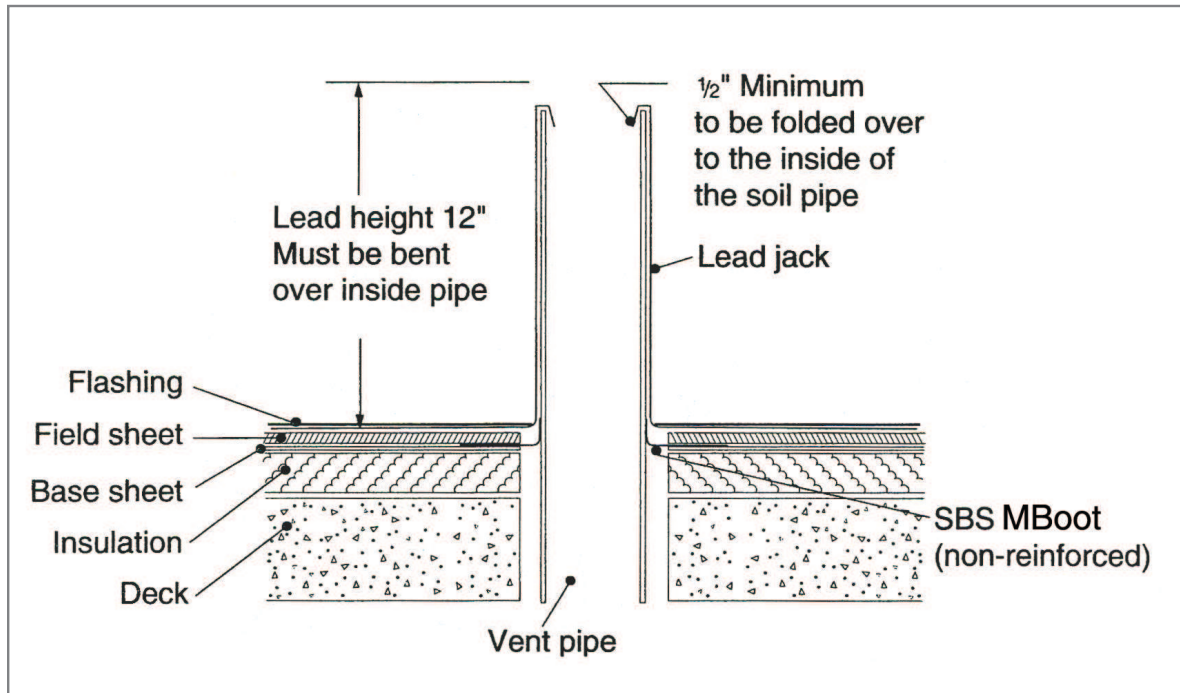
Component Material:

- SBS MBoot (non-reinforced)



Leakbuster™ Mwend
Pre-Flashed Lead Jack

LEAKBUSTER™ MWELD PRE-FLASHED LEAD JACK (2 OF 2)



Installation:

1. Install base sheet as specified. Fit base sheet snugly against pipes.
Note: Do not overheat the lead. Damage may occur if too much heat is applied.
2. Choose appropriate size for Pre-Flashed Lead Jack and material (APP for when using heat welded membranes, SBS when using hot mop or cold adhesive applied membranes).
3. On new construction and reroofing, stretch the hole in the center of the MBoot over the pipe or penetration and slide it down until it contacts the base sheet. This protects flames and asphalt from traveling down the pipe and into the insulation when installing the field sheet.
4. For APP smooth installation:
 - Heat the field sheet around the protrusion until it has a glossy sheen.
 For APP granulated installation:
 - Heat the surface until the granules start to sink into the molten compound.

- Next, heat the bottom of the membrane attached to the Pre-Flashed Lead Jack until it has a similar sheen.
5. Install the Pre-Flashed Lead Jack over the pipe and place the two heated surfaces together.
 - Carefully center the pipe in the center of the Pre-Flashed Lead Jack base.
 - While torching, work the flashing with a trowel and torch until a 1/4" (6 mm) to 3/8" (9 mm) bleedout occurs around the outside of the flashing.
 6. For SBS installation:
 - Spread hot asphalt or an SBS adhesive over the field sheet around the protrusion.
 - The Pre-Flashed Lead Jack is placed over the pipe and seated in the asphalt or cold adhesive.
 - The flashing should then be troweled for a bleedout, the same as with APP application.
 - For an aesthetic look, finish off granulated surface by sugaring the bleedout with color blended granules, or use a color blended seam coat. On smooth surface, finish bleedout with a matching seamcoat.

Note: Sufficient roof drainage is essential for good roof performance and to avoid overloading the roof under heavy rainfall conditions. Ensuring that the size and number of drains is adequate for the roof area and location is the responsibility of the building owner or their roofing consultant.