

MILLENNIUM LOCKIN' POCKET®

Inter-Locking Flashing System

Technical data sheet



Description

Millennium Lockin' Pocket® Inter-Locking Flashing System is a pre-fabricated inter-locking pocket that is easily assembled on-site and filled with fast setting solvent free Millennium Hurricane Force® Universal Sealer that becomes waterproof within minutes of application.

Millennium Lockin' Pockets® are available in different packaging options. The pre-fabricated pockets simply connect with tongue and groove joints and are composed of a high strength, flexible polyurethane elastomer.

All pieces are easily joined by a patent pending locking system to create a pocket of desired size.

Basic Use

Millennium Lockin' Pockets® are designed to seal technically challenging roof penetrations where field flashing may not be practical.

When installed and filled with Millennium Hurricane Force® Universal Sealer, the Millennium Lockin'Pocket® Inter-Locking Flashing System becomes a long lasting, waterproof solid mass that can make the most challenging penetrations watertight in minutes.

Approved Membrane Substrates

- Granule surfaced modified bitumen
- EPDM
- TPO
- Metal
- Smooth surfaced asphalt Built-up Roofs (BUR)
- Gravel surfaced BUR (asphalt & coal tar pitch).

For a complete list of approved substrates, or for additional information, contact our Technical Department.

Safety

Prior to working with this or any product consult product label and Material Safety Data Sheet (MSDS) for necessary health and safety precautions.

Limitations

Do not apply to wet or damp surfaces.

Do not use grout or any other type of fillers.

Lockin' Pocket® must be on a flat, level substrate, and is not intended for steep slope applications.

Storage

Keep temperature of contents between 65°F-85°F (+18-29°C) 24 hours prior to use.

Do not store in direct sunlight or temperatures higher than 90°F (+32°C).

| Features | Benefits |
|--|--|
| Ready to use | Requires no mixing, reduces labor costs |
| No temperature restrictions | Suitable for all climates |
| Weather resistant | Long lasting weather-tight seal |
| Solvent free | VOC free, no odors |
| Elastomeric | Remains flexible, absorbs stresses |
| Compatible with most substrates | Can be used on SBS, EPDM, TPO, BUR & Metal |
| Variety of sizes available | Ability to flash most rooftop penetrations |

Application

1. Make sure substrate is clear of loose gravel, dirt, granules, or all foreign substances that can affect adhesion. Refer to Surface Preparation Guidelines.
2. Place Millennium Lockin' Pocket® in desired location and mark the outside edge for reference. Millennium Lockin' Pocket® should be placed to assure at least 2,5 cm. clearance from the inside of the Millennium Lockin' Pocket® and penetration.
3. Penetrations should be prepared by wire brushing to remove loose cements, sealers, rust, or other contaminants that would prevent a positive seal.
4. Seal base of penetration with Millennium LPS sealant to prevent Millennium Hurricane Force® Universal Sealer from flowing through openings.
5. Apply a liberal bead of LPS to the substrate where Millennium Lockin' Pockets® will be placed.
6. Apply a liberal bead of LPS to the locking joint of the Millennium Lockin' Pocket®.
7. Set Millennium Lockin' Pocket® in place and apply equal pressure to assure positive contact with the roof surface.
8. Strike away excess sealant.
9. Dispense an initial amount of Millennium Hurricane Force® Universal Sealer to ensure a proper mix. Refer to Millennium Hurricane Force® Universal Sealer Specification Data Sheet for additional guidelines.
10. Fill assembled pocket with Millennium Hurricane Force® Universal Sealer until full.
11. Option for white Lockin' Pocket®: coat the surface of the Lockin'Pocket® with 1-Part White Sealer. Trowel as necessary to achieve desired finish.

Surface Preparation

For applications over existing bitumen, apply Millennium Universal Primer prior to the application of Lockin' Pocket®. For applications over bitumen, fresh and/or non-oxidized asphalt or plastic film membranes, apply Millennium Surface Treatment prior to the application Lockin' Pocket®. All work surfaces should be clean, dry, and free of dirt, dust, debris, oils, loose and/or embedded gravel, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven. For applications on granule surfaced modified bitumen membranes, remove all loose granules from the surface of the membrane prior to installing Millennium LPS.

When Lockin'Pockets® are installed on a single ply membrane the surface of the membrane must be prepared according to the single ply manufacturer's recommendations. As a general guideline the following methods of surface preparation shall apply:

- EPDM: clean with splice wash or surface cleaner and prime.
- TPO: clean with surface cleaner and prime.
- Gravel BUR's: remove gravel surfacing down to plies.

When used as a pocket sealer, one cartridge of Millennium Hurricane Force® Universal Sealer will yield approximately 90 cubic centimeters of filler. Millennium Hurricane Force® Universal Sealer and Millennium 1 Part Sealer sold separately.



Packaging and Coverage

The Millennium Lockin' Pocket® Inter-Locking Flashing System is available in the following packages:

| Description | Parts per case | Case per pallet |
|--|----------------|-----------------|
| Kit 4" (internal dimensions: 10.2 x 10.2 cm) | 6 | 48 |
| Kit 6" (internal dimensions: 15.2 x 15.2 cm) | 4 | 48 |
| Kit 8" (internal dimensions: 20.3 x 20.3 cm) | 4 | 48 |
| Straights 6" (15.2 cm) | 8 | 48 |
| Straights 10" (25.4 cm) | 8 | 48 |
| Straights 12" (30.5 cm) | 8 | 48 |
| Inside corners | 8 | 48 |
| Outside corners | 8 | 48 |