

Millennium LPS

Description

Millennium LPS is a single component elastomeric polyurethane sealant that is isocyanate free.

Millennium LPS cures rapidly under the effect of atmospheric air and moisture to form a flexible and resistant joint with very good adhesion on most materials.

Basic Use

Millennium LPS is a multi-use sealer that can be used for:

- Adhering Millennium Lockin' Pockets™ to approved substrates
- Sealing around penetrations prior to Lockin' Pocket™ installation
- Repairing splits, cracks, holes and other membrane defects
- Mid-level construction grade adhesive and sealant
- Lightning protection attachment
- Shingle repairs
- All purpose sealer

Approved Substrates

- Granule surfaced Modified Bitumen
- EPDM
- TPO
- Metal
- Smooth surfaced asphalt Built-Up Roofs (BURs)
- Gravel surfaced BUR
- Asphalt coal tar pitch (BUR)
- Concrete
- Wood
- Aluminum
- Stone

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

Storage

Shelf life is 12 months in unopened original packaging when stored at or below 80°F (27°C).

Color

- Black



Features

- Single component
- Isocyanate free
- Elastomeric
- No solvents

Benefits

- No mixing, consistent material quality
- Enhanced safety
- Remains flexible, absorbs stresses
- No flame hazards

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 a wet surface.
- Requires atmospheric air and moisture to properly cure.

Equipment

- Professional 10 oz. (300ml) manual, pneumatic, or battery powered caulk gun

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Application

1. Cut nozzle to desired size and puncture seal inside the nozzle.
2. Refer to Millennium Lockin' Pocket™ Inter-Locking Pitch Pocket System product data sheet for complete application instructions.
3. Gun/pump Millennium LPS around base of penetration to prevent Millennium Hurricane Force® Universal Sealer from flowing through the openings.
4. Apply a liberal bead of LPS to the substrate where Lockin' Pockets™ will be placed.
5. Apply a liberal bead of LPS to the locking joint of the Lockin' Pocket™.
6. Set Lockin' Pocket™ onto bead of LPS and apply equal pressure to assure positive contact with the substrate.
7. Strike away excess LPS from base of placed Lockin' Pocket™.



Packaging and Coverage

Millennium LPS is available in the following package:

<u>Cartridge Size</u>	<u>Part #</u>	<u>Cartridges/case</u>
10.1 fl. oz. (300 mL)	LP-S10.1-12	12

Each cartridge will produce approximately 20 - 25 lineal feet (6 - 8 meters) of 1/2" (1.3cm) wide bead. Coverage rates will be determined by use and may vary when used over irregular surfaces.

Surface Preparation

The substrates must be clean, even, dry, free of dust, oil, grease and any contaminants that could inhibit bonding. All traces of poorly adhered paints or coatings should be removed prior to the application of LPS. **For applications on granule surfaced modified bitumen membranes, remove all loose granules from the surface of the membrane prior to installing Millennium LPS.**

If the substrates need to be cleaned, solvents such as methylethylketone (MEK) or acetone may be used. Check the compatibility of the solvent used with the substrates. Allow the substrate to dry after cleaning.

Caution: When using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer or supplier.

For applications over existing weathered asphalt or coal tar pitch BUR, apply Millennium Universal Primer prior to the application of Millennium LPS. For applications over fresh and or non-oxidized asphalt, coal tar or plastic film membranes, apply Millennium Surface Treatment prior to the application of Millennium LPS.

Code #0033-1209

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