



M-CURB™

Pitch Pocket System

Description

Designed for use on asphaltic systems, the M-Curb™ Pitch Pocket System provides a watertight seal for difficult roof penetrations and is comprised of durable M-Curb™ Rounds and premium-quality adhesives and sealants.

M-Curb™ Rounds are durable curbs used to enclose the penetration by forming the pitch pocket. The rounds are bonded to the roof surface with M-Bond™ Sealant. The curb is then filled with a 2" (51 mm) thick seal of M-Thane™ Two-Part Pourable Sealant (Black) or M-Thane™ One-Part Pourable Sealant (White).

M-Bond™ Adhesive/Sealant is a moisture-curing polyether roofing sealant that bonds to asphaltic membranes, concrete, steel, aluminum, wood, glass, and PVC.

M-Thane™ Pourable Sealants are designed for filling the pitch pans and for other types of penetration seals on asphaltic, built-up, and modified bitumen roof systems. The sealant conforms to the shape of any roof penetration to protect the roof system from moisture.

Advantages

- M-Curb™ Systems require no flashing and easily bond to most common roofing materials.
- Installation requires less time than for most conventional metal pans.
- The entire system is chemically bonded together without mechanical fasteners.
- M-Curb™ Systems are tough and waterproof, and can maintain flexibility at -40 °F (-40 °C) or withstand temperatures of 200 °F (93 °C).

Components

The M-Curb™ System Kits are available in either White or Black and have a shelf life of approximately one (1) year, comprised of the following components:

White M-Curb™ Pitch Pocket System:

- M-Curb™ Rounds (White) – Solid polyester contoured design in 5" & 7" (127 mm & 178 mm) inside diameter half-round circles and 6" (152 mm) straights all 2" (51 mm) in height. Corners also available in 2" (51 mm).
- M-Bond™ Adhesive Sealant (White) – Polyether adhesive/sealant to seal critical areas around the penetration and to adhere the curbs to the roof and to each other.
- M-Thane™ One-Part Pourable Sealant (White) – Self-leveling polyether sealant available in re-sealable 2-liter pouch to fill the pitch pocket after it is secured and sealed with M-Bond™.

Black M-Curb™ Pitch Pocket System:

- M-Curb™ Rounds (Black) – Solid urethane curb design in 5" & 7.5" (127 mm & 191 mm) inside diameter half-round circles and 6" (152 mm) straights all 2" (51 mm) in height.
- M-Bond™ Adhesive/Sealant (Black) – Polyether adhesive/sealant to seal critical areas around the penetration and to adhere the curbs to the roof and to each other.
- M-Thane™ Two-Part Pourable Sealant (Black) – Self-leveling polyether sealant used to fill the pitch pocket after it is secured and sealed with M-Bond™.

M-Curb™ 6" (152 mm) Straight and 2" (51 mm) Corner pieces are also available when dealing with penetrations that require pitch pockets other than round to accommodate any size opening.





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Installation

For detailed installation procedures, refer to the M-Curb™ System Installation Guide at gaf.com.

Prepare bonding surface before installing M-Curb™ System components.

Bonding surfaces must be clean and free of moisture, dirt, oil, and debris. Wire brush metal surfaces that are coated with asphalt or adhesives.

For Black M-Curb™ Pitch Pocket Systems:

Pour all of M-Thane™ Two-Part Pourable Sealant Part B into Part A container. Do not attempt to thin with solvent or add foreign substances. For best results, maintain this product at room temperature 24 hours before mixing.

Mix components for three (3) to five (5) minutes with the mixing blade provided using a ½" (12.7 mm) drill motor. Mixed product must be a uniform black color with no streaks or unmixed resin.

M-Thane™ Two-Part Pourable Sealant pot life is approximately 40 minutes at 70 °F (21 °C). Cold weather will extend pot life. Hot weather will shorten pot life.

Pour M-Thane™ Two-Part Pourable Sealant into assembled Black M-Curb™ Pitch Pocket.

For White M-Curb™ Pitch Pocket Systems:

M-Thane™ One-Part Pourable Sealant (White) comes pre-mixed in convenient, re-sealable pouches ready to apply. Pouring contents of pouch into a separate container is not needed. Do not attempt to thin with solvent or add foreign substances. For best results, maintain this product at room temperature 24 hours before use.

Pour M-Thane™ One-Part Pourable Sealant (White) into assembled White M-Curb™ Pitch Pocket.

A properly constructed M-Curb™ Pitch Pocket System has four watertight seals: 1) M-Bond™ Seal around penetration, 2) M-Thane™ Pourable Sealant, 3) M-Bond™ Seal under each M-Curb section, and 4) exterior perimeter M-Bond™ Seal.

Restrictions

- Do not apply at temperatures below 40 °F (4.4 °C).
- Do not apply if rain or other precipitation is expected within four (4) hours.
- Do not install directly over smooth, non-granulated APP modified bitumen membranes. A granulated layer of APP modified bitumen membrane must be installed around each penetration [6" (152 mm) larger in each direction than the M-Curb™] before applying the M-Curb™ System.

Safety Warnings

- Avoid contact with eyes, skin, or clothing.
- Avoid breathing concentrated vapors. Use only in well-ventilated areas.
- Clean skin contamination with rubbing alcohol and wash with soap and water.
- Eye contact: Flush with water for at least 15 minutes. Contact a physician immediately.
- Do not ingest. Contact a physician immediately and refer to the Safety Data Sheet for special instructions.
- Inhalation: No harmful effects are anticipated from breathing low concentration of vapors. If a respiratory problem develops, remove the person to fresh air.
- Keep out of reach of children.
- Safely dispose of the containers and their contents according to governing laws.

Note: Sufficient roof drainage is essential for good roof performance and to avoid overloading the roof under heavy rainfall conditions. Ensuring 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.

Technical Assistance

Technical assistance is available at 1-800-766-3411 or visit gaf.com.