



## QS Penetration Pocket Kits

**Firestone Item Number:**

**QS6 Penetration Pocket Kit: W56RACQS06**

**QS10 Penetration Pocket Kit: W56RACQS10**

**DESCRIPTION:**

QS Penetration Pockets are a labor saving alternative to conventional penetration pockets. QS Penetration pockets are produced using injection molding technology, ensuring uniform product quality and consistency part after part. Each Penetration Pocket is produced with factory laminated QuickSeam Tape, making installation possible to RubberGard EPDM, UltraPly and ReflexEON TPO, APP and SBS Modified Bitumen as well as Built-up roof systems.

QS Part	Size	Fits
QS6	6" (152 mm)	Up to 4" (101 mm) penetrations
QS10	10" (254 mm)	Up to 8" (203 mm) penetrations

Each QS Penetration Pocket Kit includes:

- 6 Molded EPDM Penetration Pockets
- 6 Plastic reinforcing rings
- 6 QuickSeam Corner Flashings 11.5" (292 mm) dia.
- 2 Stir Sticks.
- 1 QuickSeam Pad and Handle
- 1 Instruction sheet

Note: Firestone Pourable Sealer or necessary primers are not included in each kit and must be purchased separately.

**METHOD OF APPLICATION:**

1. Remove existing flashing materials, rust, dirt etc. from penetration prior to installing the QS Penetration Pocket.
2. Seal around the penetration prior to installation to prevent Pourable Sealer from flowing into the roof system and possibly into the building.
3. Prime the penetration and the Roof membrane with appropriate primer,
4. Apply QuickPrime Plus or TPO QuickPrime to the inside of the plastic reinforcing ring.
5. After the primer has dried, place the plastic ring, centering it around the penetration. Ensure that there is a minimum of 1" of clearance between the sides of the penetration and ring to allow for Pourable Sealer. If 1" of clearance cannot be achieved, then a field fabricated penetration pocket must be used.



**METHOD OF APPLICATION (CONT.):**

6. Cut the QS Penetration Pocket along the line provided on the flange and up the side. With the release paper intact, place the pocket around the plastic ring so that the top lip of the pocket covers the plastic ring.
7. Locate the pre-cut area of the paper on the underside of the flange and remove a small area of the paper closest to the ring. Using hand pressure, attach the inside of the flange to the membrane to insure the pocket doesn't move while removing the remainder of the paper.
8. Remove the remainder of the release paper and roll the flange from the inside to the outside edge using a rubber seam roller.

**NOTE:**

1. Typically the roof membrane has been cut to accommodate the penetration. Before installing the QS Penetration Pocket, repair the cut per Firestone specifications, extending the patch to the penetration itself (See Step #1 on instruction sheet).
2. TPO QuickPrime to be used when installing on TPO membrane.
3. For modified bitumen or BUR see respective application guide and detail drawings for specific application instructions.

**PRODUCT DATA:**

**QS Penetration Pockets:**

Property	Minimum Performance
Material:	Injection Molded EPDM
Color:	Black
Size:	<b>QS6:</b> 6.7" (170 mm) inside diameter, 2" (50 mm) high, 0.060" (1.1 mm) thick with 3" (76 mm) pre-taped flange <b>QS10:</b> 10.7" (271 mm) inside diameter, 2" (50 mm) high, 0.060" (1.1 mm) thick with 2.5" (63.5 mm) pre-taped flange
Coverage:	<b>QS6:</b> Accommodates penetrations up to 4" (101 mm) outside diameter <b>QS10:</b> Accommodates penetrations up to 8" (203 mm) outside diameter

**QuickSeam Tape (on QS Penetration Pocket Flange):**

Property	Minimum Performance
Base:	Rubber Polymers
Color:	Black
Solvents:	None
Solids:	100%
Cured State:	Cured
Thickness:	.030" (.76 mm)

**Plastic Ring:**

Property	Minimum Performance
Material:	Schedule 40 PVC
Color:	White or black
Shape:	Round, pre-cut in one place; supports QS Penetration Pockets
Size:	<b>QS6:</b> 6" (152 mm) inside diameter, 2" (50 mm) high, 0.31" (8 mm) wall thickness <b>QS10:</b> 10" (254 mm) inside diameter, 2" (50 mm) high, 0.31" (8 mm) wall thickness

**Stir Stick:**

Material:	Recycled Plastic
Color:	Red

**QuickSeam Corner Flashing (for these products):**

Size:	11.5" (292 mm) in Diameter
Base:	
Flashing:	EPDM
Tape:	Synthetic Polymers
Color:	Black
Solvents:	None
Percent Solids:	100%
Cure State:	
Flashing:	Partially Cured
Tape:	Cured
Thickness:	
Flashing:	.065" ± .005"
Tape:	.030" ± .005"

**SHELF LIFE:**

1. Shelf life of 9 months can be expected when stored at 60 F (15.6 C) and 80 F (26.7 C) in original unopened containers indoors.
2. Shelf life will be shortened if exposed to elevated temperatures.

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## QS Penetration Pocket Kits

**STORAGE:**

1. Store in original unopened cartons at temperatures between 60 F (15.6 C) and 80F (26.7 C) in original unopened containers indoors.
2. Do not store on roof in direct sunlight or at temperatures above 80 F (26.7 C).
3. When exposed to lower temperatures restore to room temperature prior to use.

**PACKAGING:**

6 Penetration Pockets per kit.	40 Kits per pallet
QS6 6.5lbs (2.95kg)/Kit	260lbs (118.2kg)/Pallet
QS10 7lbs (3.18 kg)/Kit	280lbs(127.2kg)/Pallet

**PRECAUTIONS:**

Refer to Material Safety Data Sheet (MSDS).

Protected under one or more of the following United States Patents: No. 5,242,727; 5,520,761; 5,985,981; 5,804,661; 6,623,578.

**LEED INFORMATION:**

Post Consumer Recycled Content:	0%
Post Industrial Recycled Content:	0%
Manufacturing Location:	Bensenville, IL

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