

NOTES:
 1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
 2. FIRESTONE RED SHIELD PIPE SUPPORT AND EQUIPMENT SUPPORTS ARE RECOMMENDED IN PLACE OF WOOD SLEEPERS. REFER TO CURRENT TECHNICAL INFORMATION SHEETS.
 3. DO NOT INSTALL WOOD SLEEPER OVER BATTEN STRIPS, FASTENER HEADS, METAL PLATES, OR FIELD SEAMS.

WOOD SLEEPER SIZED AND SPACED SO THAT LOAD DOES NOT EXCEED 16 P.S.I. (SEE NOTE #2)

RUBBERGARD EPDM PROTECTION LAYER
 RUBBERGARD EPDM MEMBRANE
 BONDING ADHESIVE (ADHERED SYSTEM ONLY)

FIRESTONE INSULATION
 SUBSTRATE

MAXIMUM WARRANTY: 20 YEARS

Firestone BUILDING PRODUCTS NOBODY COVERS YOU BETTER. [™] www.firestonebpc.com	WOOD SLEEPER		ISSUE / REVISION DATE: 9/08/2014	DETAIL NO. M-4
	RUBBERGARD™ EPDM	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	

NOTES:
 1. REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 2. MAXIMUM 6" (152 mm) LONG FASTENERS (NOTE WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENTS).
 3. IN CASE OF OBSTRUCTION REFER TO DETAIL BT-5.
 4. REFER TO BT-14 & BT-15 FOR QUICKSEAM RPF STRIP LAYOUTS AT CORNERS.
 5. BONDING ADHESIVE REQUIRED BETWEEN QUICKSEAM RPF STRIP AND INSULATION ON FULLY ADHERED SYSTEMS.

USE APPROPRIATE TERMINATION

USE APPROPRIATE FIRESTONE BONDING ADHESIVE. (SEE NOTE #5)

QUICKSEAM RPF STRIP MUST EXTEND 1/2" (13 mm) BEYOND 2" METAL PLATE (SEE NOTE #3)

FIRESTONE FASTENER AND 2" METAL PLATE AT 12" (305 mm) O.C. MAX. (SEE NOTE #2)

QUICKSEAM RPF STRIP (SEE NOTE #4)

QUICKPRIME PLUS

RUBBERGARD EPDM MEMBRANE

USE APPROPRIATE FIRESTONE BONDING ADHESIVE. (SEE NOTE #5)

FIRESTONE INSULATION

8" minimum up wall

WALL / CURB

SUBSTRATE

MAXIMUM WARRANTY: 20 YEARS

Firestone BUILDING PRODUCTS NOBODY COVERS YOU BETTER. [™] www.firestonebpc.com	BASE TIE-IN WITH QUICKSEAM RPF AND 2" METAL PLATES FASTENED TO DECK		ISSUE / REVISION DATE: 07/08/2014	DETAIL NO. BT-1
	RUBBERGARD™ EPDM	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	

NOTES:
 1. REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 2. LAP SEALANT IS REQUIRED ALONG ENTIRE UPSLOPE EDGE OF QUICKSEAM FLASHING WHEN ROOF SLOPE IS 1" (25 mm) PER FOOT OR GREATER. REFER TO LS-9 FOR SEAM EDGE TREATMENT.
 3. ROUND ALL METAL CORNERS AND PLACE BACK OF GUTTER STRAP 1/4" (6 mm) BELOW TOP OF WOOD NAILER.
 4. DO NOT PRE-NAIL MEMBRANE TO THE FACE OF THE WOOD NAILER.
 5. CONSTRUCT AND ANCHOR GUTTER IN ACCORDANCE WITH SMACNA RECOMMENDATIONS.
 6. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
 7. FLANGE OF METAL GUTTER MUST BE FULLY SUPPORTED BY WOOD AND TERMINATED AT LEAST 1/2" (13 mm) FROM EDGE OF WOOD.
 8. CONTACT FIRESTONE ROOFING SOLUTIONS FOR BALLASTED ROOF SYSTEMS.
 9. IF THE FLANGE OF THE METAL GUTTER IS NOT COMPLETELY COVERED WITH QUICKSEAM FLASHING, THEN AN ADDITIONAL PIECE OF QUICKSEAM FLASHING SHALL BE INSTALLED AT ALL METAL SLICES. REFER TO RE-28.

CONTINUOUS BEAD OF LAP SEALANT (REQUIRED)

RUBBERGARD EPDM MEMBRANE

1-1/4" HOT DIPPED GALVANIZED ROOF NAILS AT 4" (102 mm) O.C. MAX. STAGGERED 1/2"

BONDING ADHESIVE (ADHERED SYSTEMS ONLY)

5" QUICKSEAM FLASHING

QUICKPRIME PLUS

CONTINUOUS BEAD OF LAP SEALANT (SEE NOTE #2)

1/4" (6 mm) TO 1/2" (13 mm)

WOOD NAILER (SEE NOTE #6)

APPROPRIATE FASTENER

1/2" (13 mm) MIN.

GUTTER (SEE NOTE #7 & #9)

FIRESTONE INSULATION

WALL

SUBSTRATE

THIS DETAIL IS APPROVED FOR MAXIMUM OF 20 YEARS. REFER TO DETAIL RE-18 FOR 25 YEAR REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

Firestone BUILDING PRODUCTS NOBODY COVERS YOU BETTER. [™] www.firestonebpc.com	ROOF EDGE GUTTER WITH FLANGE		ISSUE / REVISION DATE: 1/07/2015	DETAIL NO. RE-17
	RUBBERGARD™ EPDM	ACCEPTABLE SYSTEMS: ADHERED, MAS	NOT TO SCALE	

NOTES:
 1. REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 2. APPLY LAP SEAL ON CUT EDGES OF MEMBRANE AND PERIMETER OF QUICKSEAM FLASHING AS SHOWN. REFER TO LS-9 FOR SEAM EDGE TREATMENT.
 3. REFER TO C-4a FOR DETAILED INSTALLATION INSTRUCTIONS
 4. USE QUICKPRIME PLUS TO CLEAN AND PRIME EPDM MATING SURFACES PRIOR TO INSTALLATION OF QUICKSEAM PRODUCTS.

3" QUICKSEAM SPLICE TAPE

3" RUBBERGARD EPDM MEMBRANE FLAP

3" (76 mm) MIN.

CONTINUOUS BEAD OF LAP SEALANT (SEE NOTE #2)

QUICKSEAM CORNER FLASHING (CENTERED IN CORNER)

5" QUICKSEAM FLASHING (CENTERED OVER QUICKSEAM CORNER FLASHING)

3" (76 mm) MIN.

2" (51 mm) MIN.

USE APPROPRIATE TERMINATION DETAIL

USE APPROPRIATE BASE TIE-IN

RUBBERGARD EPDM MEMBRANE

MAXIMUM WARRANTY: 20 YEARS

Firestone BUILDING PRODUCTS NOBODY COVERS YOU BETTER. [™] www.firestonebpc.com	INSIDE CORNER WITH 3" FLAP AND QUICKSEAM SPLICE TAPE		ISSUE / REVISION DATE: 6/10/2014	DETAIL NO. C-4
	RUBBERGARD™ EPDM	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	

NOTES:
 1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
 2. REGULAR MAINTENANCE OF COUNTERFLASHING AND SEALANT REQUIRED. NOT INCLUDED AS PART OF THE FIRESTONE WARRANTY.
 3. METAL COUNTERFLASHING SHALL BE 24 GAUGE PRE-FINISHED STEEL OR .032" MIN. ALUMINUM FORMED WITH HEMMED LOWER EDGE.
 4. INSTALL METAL WORK IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS

CONTINUOUS BEAD OF AP SEALANT

EIFS OR OTHER WALL CLAD SYSTEM

APPROPRIATE FIRESTONE FASTENER 12" (305 mm) O.C. MAX.

8" (203 mm) MIN. ABOVE FINISHED ROOF REQUIRED

WALL SUBSTRATE

METAL COUNTERFLASHING BY OTHERS 3" (76 mm) MIN. FACE (SEE NOTE #3)

RUBBERGARD EPDM MEMBRANE

USE APPROPRIATE FIRESTONE BONDING ADHESIVE

USE APPROPRIATE BASE TIE-IN

WALL SYSTEM MUST BE WATERPROOFED AND MAINTAINED IN ORDER FOR ANY SURFACE MOUNTED TERMINATION TO BE EFFECTIVE.

MAXIMUM WARRANTY: 20 YEARS

Firestone BUILDING PRODUCTS NOBODY COVERS YOU BETTER. [™] www.firestonebpc.com	TERMINATION AT EIFS OR WALL CLADDING		ISSUE / REVISION DATE: 6/10/2014	DETAIL NO. T-7
	RUBBERGARD™ EPDM	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	

NOTES:
 1. REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 2. END LAPS OF QUICKSEAM SPLICE TAPE MUST OVERLAP A MINIMUM OF 1" (25 mm) REFER TO LS-2.
 3. REFER TO LS-9 FOR SEAM EDGE TREATMENT.
 4. SEAMS MAY RUN PARALLEL TO SLOPE.
 5. EXTRA CLEANING IS REQUIRED AT FACTORY SPLICE AREAS AND OTHER WHERE EXCESS DUSTING AGENTS MAY HAVE ACCUMULATED.

QUICKPRIME PLUS

RUBBERGARD EPDM MEMBRANE

1/8" (3 mm) TO 1/2" (13 mm)

3" QUICKSEAM SPLICE TAPE (SEE NOTE #2)

RUBBERGARD EPDM MEMBRANE

SLOPE (SEE NOTES)

WHEN SCRIM OF REINFORCES EPDM IS EXPOSED, APPLY SEAM EDGE TREATMENT TO ENTIRE EDGE.

QUICKPRIME PLUS

RUBBERGARD EPDM MEMBRANE

ADDITIONAL 1" - 2" (25 mm TO 50 mm) OF MEMBRANE BEYOND TAPE FOR BALLASTED SYSTEMS

1/8" (3 mm) TO 1/2" (13 mm)

3" QUICKSEAM SPLICE TAPE (SEE NOTE #3 & #4)

RUBBERGARD EPDM MEMBRANE

SLOPE (SEE NOTES)

MAXIMUM WARRANTY: 20 YEARS

Firestone BUILDING PRODUCTS NOBODY COVERS YOU BETTER. [™] www.firestonebpc.com	LAP SPLICE		ISSUE / REVISION DATE: 9/10/2014	DETAIL NO. LS-1
	RUBBERGARD™ EPDM	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	

NOTES:
 1. REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 2. REMOVE ALL EXISTING FLASHING, LEAD, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
 3. FIRESTONE POURABLE SEALER MOUNDED TO SHED WATER. (MINIMUM DEPTH OF 2"(51mm), REMAINDER OF POCKET MAY BE FILLED WITH NON-SINKING GROUT.
 4. DO NOT USE OVER EXISTING PENETRATIONS POCKETS
 5. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180°F. REFER TO P-4.
 6. CUT PVC PIPE MINIMUM 2" (51mm) HIGH AND OF SUFFICIENT WIDTH TO ALLOW 1"(25mm) OF SPACE BETWEEN THE PVC SHELL AND PENETRATIONS. MEMBRANE MUST EXTEND TO WITHIN 1/2"(13mm) OF PENETRATION.
 7. FIRESTONE POURABLE SEALER MOUNDED TO SHED WATER. (MINIMUM DEPTH OF 2"(51mm), REMAINDER OF POCKET MAY BE FILLED WITH NON-SINKING GROUT.
 8. APPLY LAP SEALANT AROUND ENTIRE PERIMETER OF FLASHING. REFER TO LS-9 FOR SEAM EDGE TREATMENT.
 9. QUICKPRIME PLUS REQUIRED ON PENETRATIONS AND MEMBRANE INSIDE OF PENETRATION POCKET.
 10. REFER TO P-10, P-11, P-12 FOR MAS.

18" (457 mm) MAX. (WITHOUT WOOD NAILERS)

1" (25 mm) MIN.

1" (25 mm)

FIRESTONE POURABLE SEALER

CUT PVC PIPE (SEE NOTE #6)

9" QUICKSEAM FORMFLASH

QUICKPRIME PLUS

BONDING ADHESIVE (ADHERED SYSTEM ONLY)

FIRESTONE INSULATION

PENETRATION

NON-SINKING GROUT

PENETRATION

RUBBERGARD EPDM MEMBRANE

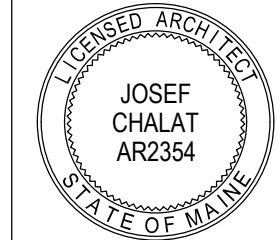
CONTINUOUS BEAD OF LAP SEALANT (SEE NOTE #8)

SUBSTRATE

MAXIMUM WARRANTY: 20 YEARS

Firestone BUILDING PRODUCTS NOBODY COVERS YOU BETTER. [™] www.firestonebpc.com	PENETRATION WITH FIELD FABRICATED ROUND PVC PENETRATION POCKET		ISSUE / REVISION DATE: 6/10/2014	DETAIL NO. P-6
	RUBBERGARD™ EPDM	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	

Note:
 EPDM shall be fully adhered to substrate. Contractor shall use products and details shown here or approved alternate. Submit alternate manufacturer's details for locations shown in these details. Install EPDM according to manufacturer's written instructions



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EPDM roofing details