siplast®

Paraflex 531 Liquid Flashing System

Installer's Guide

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I. System Overview and Products

The Siplast Paraflex 531 Liquid Flashing Membrane
The Siplast Paraflex 531 Liquid Flashing Membrane is a liquid-applied, silane terminated polymer-based (STP) flashing system designed for use in conjunction with SBS-modified bitumen and silane terminated polymer-based (STP) roofing and waterproofing systems. The Paraflex 531 Liquid Flashing Membrane is a layered application consisting of waterproofing layers reinforced with polyester fleece. Pro Primer AC is used for bleed-blocking purposes over asphaltic, wood, and plywood substrates.

The Paraflex 531 Liquid Flashing Membrane used with Siplast SBS-Modified Bitumen Roof Membrane Systems
The Paraflex 531 Liquid Flashing Membrane can be applied directly over standard Siplast SBS-modified bitumen roof systems that are applied by torch, hot asphalt, or SFT Adhesive. Refer to the application instructions beginning on page 6 of this guide for step-by-step installation procedures. Contact the Siplast Technical Department at 1-800-922-8800 for information.

II. Personal Protection

Safety and Protection
Refer to the applicable Paraflex and Pro product Safety Data Sheets (SDS) for specific PPE information. Paraflex and Pro liquid products are harmful if inhaled, swallowed, or absorbed through the skin and can cause skin and eye irritation.

Do not ingest Paraflex or Pro products, and avoid contact with eyes, skin, and clothing. Wear suitable gloves and eye/face protection. Wash thoroughly after handling the products. Keep the products out of reach of children.

First aid information is available on Paraflex and Pro product SDS documents and product containers.

III. Storage

Storage
Store Paraflex and Pro products indoors in closed containers in a well-ventilated, cool, dry area away from direct sunlight, heat, and open flame. The shelf life of Paraflex 531 Liquid Flashing Membrane is 6 months if stored properly at 40ºF to 90ºF (5ºC to 32ºC). Pro Primer AC shelf life is 18 months if unopened and stored properly at 40ºF to 90ºF (5ºC to 32ºC). Do not allow Pro Primer AC to freeze. Proper storage is important to help ensure that the product remains usable, and to maintain product quality.

A “skin” of partially cured product may form on the surface of less than full pails of Paraflex liquid material. Peel away and dispose of the layer of partially cured Paraflex to expose fluid product prior to stirring and application.

Materials stored on the job site during application should be kept on a pallet in a shaded, well-ventilated area. In unshaded areas, cover materials with a white, reflective tarp in a manner that allows air circulation beneath the tarp.

IV. Installation Materials, Tools, and Equipment

Substrate Preparation
- Blower, vacuum, and broom
- Hand grinder with carbide disk, diamond cup, or other appropriate abrasive wheel
- Shot blaster with dust collector/air pulse compressor
- Sandpaper

Mixing
- Plastic tarps or sheeting
- Variable speed drill with mixing agitator
- Stir sticks

Application
- Tape (masking, duct or gaffer’s tape)
- Application brushes and rollers
- Heavy duty scissors
- Disposable butyl rubber or nitrile gloves
- Pro Tape

Miscellaneous
- Cotton rags
- Box or razor knife
- Tape measure
- Chalk line

V. Substrate Preparation and Repair

General Substrate Preparation
All substrates must be free from gross irregularities, loose material, unsound material, foreign material (such as dirt, ice, snow, water, grease, oil, release agents, lacquers, paint coverings), or any other condition that would be detrimental to the adhesion of the primer and/or resin to the substrate. Some surfaces may require shotblasting, scarification followed by shotblasting, or grinding to achieve a suitable substrate. Substrate preparation guidelines appear in the chart below but it is important to note that requirements can vary for a particular situation. In applications where adhesion to a substrate not listed in the chart is required, please contact the Siplast Technical Department at 1-800-922-8800 for information on testing such substrates for adhesion by performing a field bond test.

Substrate	Preparatory Guidelines	Pro Primer AC Recommended as a Bleed Blocker	Rust-Oleum V2100 Primer Required
Aluminum, Copper, Stainless Steel	1, 2, 3, 4, 13		•
Lead, Steel	1, 2, 3, 4		
Galvanized Steel	1, 2, 3, 4		
Paint/Coating	7		
Mopping Asphalt, Smooth SBS, Rubberized Asphalt	1, 10, 11	•	
Concrete (Normal-Weight)	1, 5		
Polymer Modified Concrete	1, 8		
Clay/Ceramic Tile, Brick	1, 6		
Wood/BC Plywood	1, 12	•	
DensDeck Prime, Approved Cementitious Boards	1		
Irex/Paradiene 20 Base Plies	1, 12	•	
Paradiene 20 P/Pro Base (Exposed bitumen at laps)	1, 14	•	
Siplast granule-surfaced finish/flashing sheets	1, 12, 14	•	

1. Substrate must be clean and dry and free from gross irregularities, loose material, unsound material, or any foreign material (such as dirt, ice, snow, water, grease, bitumen/coal tar, oil, release agents, lacquers, paint coverings), or any other condition that would be detrimental to the adhesion of the primer and/or resin to the substrate.
2. Remove rust or other oxidation layers.
3. Abrade surface to bright finish prior to cleaning with Pro Prep M.
4. Wipe down thoroughly with Pro Prep M prior to coating. Allow Pro Prep M a minimum of 20 minutes drying time after application before continuing. The next application process should be completed within 60 minutes of cleaning with Pro Prep M.
5. See detailed substrate preparation and repair guidelines on page 3 and 4.
6. Grind surface to remove glaze. Tiles must be fully bonded to a sound foundation. Ensure that no moisture is present beneath tiles.
7. All paint coverings and coatings must be removed.
8. Refer to polymer concrete manufacturer's requirements for suitability as a substrate for waterproofing materials. Prepare by shotblasting or grinding. Contact Siplast for a list of approved polymer concrete products.
9. Tape all joints between panels and panel edges at all walls, perimeters, and penetrations using gaffer's tape or Eternabond® Webseal®.
10. Mopping asphalt residue should be primed with Pro Primer AC to minimize aesthetic concerns.
11. Priming with Pro Primer AC is recommended over raw asphalt if aesthetics is a concern.
12. Pro Primer AC is applied to maintain a consistent aesthetic appearance.
13. Prepare metal and prime with Rust-Oleum V2100 System Enamel Spray Primer (V2182838) prior to application of Paraflex 531 Liquid Flashing Resin. Do not use Rust-Oleum V2100 System Enamel Spray Primer on galvanized steel.
14. Prime bleed-out at side and end laps using Pro Primer AC to maintain a consistent aesthetic appearance.

Substrate Preparation and Repair

Cracks, Joints, and Small Indentations
See Siplast standard details for specifics on crack and joint treatment.

Concrete & Masonry
New concrete must be cured a minimum of 28 days in accordance with ACI-308 (or as recommended by the concrete manufacturer) and meet moisture content guidelines. New or existing concrete must be prepared to provide a sound substrate free from laitance and should be free from materials that may inhibit adhesion of the Paraflex 531 Liquid Flashing Membrane. All spalls and voids must be repaired and allowed to cure a minimum of 28 days in accordance with ACI-308 (or as recommended by the concrete manufacturer). Masonry walls should be prepared in the same manner as concrete substrates.
Paraflex 531 Flashing materials must not be applied over soft or scaling brick or masonry, faulty mortar joints, or walls with broken, damaged, or a leaking coping system. Masonry wall surfaces above the termination of the Paraflex 531 Flashing materials should be appropriately treated against moisture intrusion, and a properly sealed, reglet-anchored counterflashing should be considered. Siplast guarantees do not offer a remedy for leaks or damage to the Paraflex 531 Liquid Flashing Membrane resulting from moisture entry through walls above the flashing system.

Metal & Rigid Plastic
Clean and lightly abrade metal and rigid plastic substrates. Extend the preparation area a minimum of 1⁄4-inch (7 mm) beyond the termination of the Paraflex materials.

Siplast Granule-Surfaced Membranes
Remove all loose granules, dust, and organic debris from the surface of the roof membrane by brooming, and/or power vacuuming, low-pressure wash, or other suitable method prior to application of the Paraflex 531 Liquid Flashing Membrane. If a low-pressure wash is used, the substrate must be allowed to dry completely prior to application of flashing membrane components. Prime sheets using Pro Primer AC if a consistent aesthetic appearance is desired.

Insulation/Substrate Panels
Acceptable sheathings for a direct application of Paraflex materials include cementitious panels and DensDeck Prime. Common paper-faced gypsum wall board is not an approved substrate. Treat joints between approved sheathing panels using Siplast Pro Tape or Eternabond Webseal®. The Paraflex 531 Liquid Flashing Membrane applied to walls constructed using approved insulation or substrate panels must be adequately counterflashed.

Plywood Sheathing Panels
Plywood should be exterior grade, BC or better. Install panels with the “B” side to receive the primer or Paraflex 531 Liquid Flashing Membrane. Pressure treated and fire-retardant plywood is typically wet with chemical treatments and must be reviewed on a job-to-job basis. Plywood joints should be treated using Siplast Pro Tape or Eternabond Webseal® prior to application of the Paraflex 531 Liquid Flashing Membrane. Prime panels using Pro Primer AC to maintain a consistent aesthetic appearance.

VI. Pro Primer AC

General Application Guidelines
Prime wood, plywood, and asphaltic substrates with Pro Primer AC prior to application of Paraflex 531 Liquid Flashing Membrane to maintain a consistent aesthetic appearance.

If contents have separated, thoroughly mix the Pro Primer AC before each use to redistribute liquids/solids.

Pro Primer AC can be applied when the ambient and substrate temperatures are within the range noted below. Discontinue primer application when the ambient or substrate temperature is outside of the specified range or if conditions will not allow for complete cure before rain, dew or freezing temperatures occur. Do not apply Pro Primer AC if ambient or substrate temperatures are below 50°F (10°C), if there is a possibility that ambient temperatures may fall to 32ºF (0º C) within 2 hours of application, if the substrate is within 5ºF of the dew point, or if the relative humidity is above 90%. Cool temperatures and high humidity will slow the drying process.

- Application Temperature Range (ambient/ substrate): 50°F to 105°F (10°C t5o 40°C)
- Dry Time to Touch: 20-30 minutes @ 75ºF (24ºC)/50% RH (ASTM D1640)
- Cure Time for Application of Subsequent Coats of Primer: Typically 1hour (depending on ambient conditions)

See Section IX for information on application rates over specific substrates.

It is important to note that application/coverage rates may vary depending upon the specific substrate and the texture/porosity of the substrate.

VII. Pro Fleece

Pro Fleece is the reinforcement layer used in Paraflex 531 Flashing Membrane Systems and is available in three widths: 41-inch (1050 mm), 25-inch (630 mm), and 12-inch (315 mm).

VIII. Paraflex 531 Liquid Flashing Membrane

Paraflex 531 Liquid Flashing Membrane General Application Guidelines

Paraflex 531 Liquid Flashing Membrane is combined with Pro Fleece fabric to form a monolithic, reinforced flashing membrane used for flashing details.

If contents have separated, thoroughly mix the entire drum of Paraflex 531 Liquid Flashing Membrane before each use to redistribute liquids/solids.

Paraflex 531 Liquid Flashing Membrane may be applied under the conditions outlined below.

- Minimum Application Temperature (product at time of application): 55°F (13°C)
- Minimum Application Temperature (ambient/substrate): 40°F (5°C)
- Do not apply Paraflex 531 Liquid Flashing Membrane if the ambient or substrate temperature is within 5°F of the dew point.

Apply an even, generous base coat of Paraflex 531 Liquid Flashing Membrane to the substrate with a roller or brush. Pro Fleece reinforcement is then worked into the wet base coat using a roller or brush to fully embed the fleece and remove trapped air. Overlap Pro Fleece a minimum of 2 inches (50 mm). An additional coat of Paraflex 531 Liquid Flashing Membrane must be placed between all layers of overlapping fleece. Extend Paraflex 531 Liquid Flashing Membrane a maximum 1⁄4-inch beyond the Pro Fleece reinforcement. Apply an even, generous top coat of Paraflex 531 Liquid Flashing Membrane immediately following embedment of the fleece to ensure full saturation of the fleece reinforcement. See Section IX for informaiton on application/coverage rates.

If work is interrupted for more than 12 hours, or the surface of the previously applied and cured Paraflex 531 Liquid Flashing Membrane becomes dirty or contaminated from exposure to the elements, thoroughly clean the transition area with Pro Prep M. Pro Prep M should be allowed a minimum of 20 minutes evaporation time after application before continuing work.

Coverage and Overlap Requirements

- Maintain a minimum 2-inch (50 mm) fleece overlap at all laps.
- A minimum 8-inch (200 mm) overlap onto the surface of the finish ply is required when the Paraflex 531 Liquid Flashing Membrane is applied over an approved finished ply.
- The Paraflex 531 Liquid Flashing Membrane should terminate a minimum of 6 inches (150 mm) above the horizontal when applied in a vertical orientation.
- Paraflex 531 Liquid Flashing Membrane should extend a maximum 1⁄4-inch beyond the Pro Fleece reinforcement.
- The Paraflex 531 Liquid Flashing Membrane should not be used in conjunction with Siplast membranes applied in solvent-based adhesives. Siplast SFT adhesives should be used in lieu of solvent-based products in such cases and the applicable SFT adhesive product must be allowed to fully cure before application of Siplast Paraflex 531 Liquid Flashing Membrane.

General Application Information

- Pot Life: 1 hour
- Dry Time to Touch: 30 minutes
- Rainproof After: 90 minutes
- Cure Time Prior to Application of Subsequent Coats of Paraflex 531 Liquid Flashing Membrane Resin: 6 hours
- Trafficable After: 6 hours
- Full Cure After: 72 hours

All of the above times are approximate and are based upon application of product at 75ºF and 50% RH.

IX. Consumption/Coverage Rates and Summary of Application Information

Minimum Consumption/Coverage Rates			
Layer	gal/sf	liter/m^2	sf/unit
Pro Primer AC over smooth asphaltic substrates	0.006	0.24	833 sf (5-gal pail)
Pro Primer AC over granule-surfaced substrates	0.007	0.29	714 sf (5-gal pail)
Pro Primer AC over wood/plywood	0.004	0.17	1250 sf (5-gal pail)
Paraflex 531 Liquid Flashing over granule surfaces	0.075	3.1	26 sf (2-gal pail)
Paraflex 531 Liquid Flashing base layer	0.056	2.3	
Paraflex 531 Liquid Flashing top layer	0.019	0.79	
Paraflex 531 Liquid Flashing over smooth surfaces	0.056	2.31	35 sf (2-gal pail)
Paraflex 531 Liquid Flashing base layer	0.037	1.52	
Paraflex 531 Liquid Flashing top layer	0.019	0.79	

The application/consumption rates above do not include waste, overage due to uneven/rough substrates, product needed to treat cracks/joints/overlaps, and material required to saturate roller covers.

Storage Temperatures / Shelf Life		
Product	Shelf Life	Storage Temperature Range
Pro Primer AC	18 Months	40°F to 90°F (5°C to 32°C)
Paraflex Liquid Flashing Membrane	6 Months	40°F to 90°F (5°C to 32°C)

Material and Ambient / Substrate Temperatures		
Product	Product Temperature at the Time of Application	Ambient/Substrate Temperature Range at the Time of Application
Pro Primer AC	50°F to 105°F (10°C to 40°C)	50°F to 105°F (10°C to 40°C)
Paraflex Liquid Flashing Membrane	55°F (minimum) (13°C)	40°F (minimum) (5°C)

Paraflex Weight	
Product	lb/gal
Paraflex Liquid Flashing Membrane	12.53

Paraflex Coverage Data Application over Smooth-Surfaced Substrates					
Paraflex Layer	gal/sf	lb/sf	gal/sq	lb/sq	sf cvg/2-gal pail
Total	0.056	0.702	5.60	70.17	35
Base	0.037	0.464	3.70	46.36	
Top	0.019	0.238	1.90	23.81	

Paraflex Coverage Data Application over Granule-Surfaced Substrates					
Paraflex Layer	gal/sf	lb/sf	gal/sq	lb/sq	sf cvg/2-gal pail
Total	0.075	0.940	7.50	93.98	26
Base	0.056	0.702	5.60	70.17	
Top	0.019	0.238	1.90	23.81	

See Siplast specifications and details for specific applications. Consumption/coverage rates do not include waste or overage factors, including materials required to saturate roller covers or brushes.

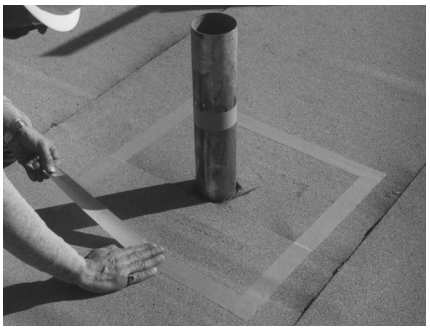
X. Paraflex 531 Liquid Flashing Membrane (Finish Ply Application)

Flashing a Penetration: The following images represent the steps required to flash a penetration over the finish ply of a granule-surfaced SBS-modified bitumen roof system. Application/consumption/coverage rates are listed on page 5.

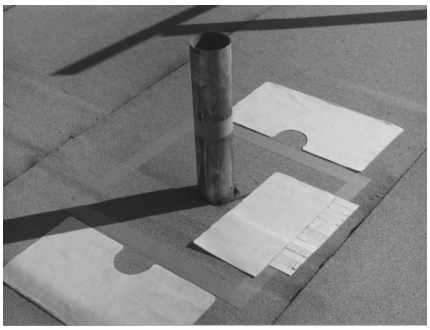
1. Ensure that the finish ply of the roof system fits tightly around the penetration.

2. Using a grinder, remove all foreign materials from the penetration, such as dirt, rust, asphalt, and coatings/paint. Refer to the substrate preparation chart on page 2 for more information.

3. Using Pro Prep and a clean shop rag, wipe the area of the penetration to be flashed. Allow the Pro Prep to dry before application of flashing materials.



4. Mask-off the termination of flashing a minimum of 6 inches high on the vertical and 8 inches beyond the penetration on the horizontal. Paraflex 531 Liquid Flashing Membrane must not extend more than ¼-inch beyond the Pro Fleece reinforcement – place tape accordingly.



5. Cut the Pro Fleece reinforcement. Dry-set each piece to ensure proper fit.

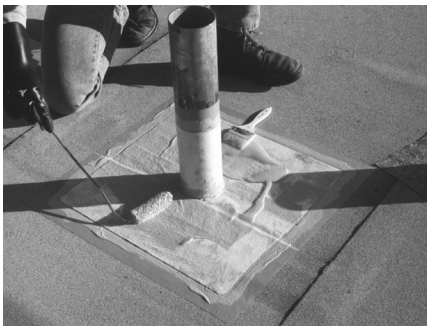
6. Mix the Paraflex 531 Liquid Flashing Resin.

7. Apply a base coat of Paraflex 531 Liquid Flashing Membrane to vertical surfaces and extend onto the roof membrane a minimum of 2 inches.

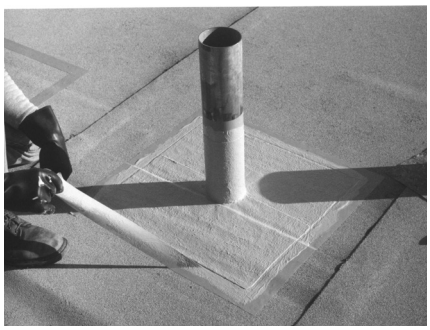
8. Apply the pre-cut Pro Fleece over the vertical substrate and 2 inches onto the roof membrane and embed into the base coat, ensuring that no air is trapped beneath the fleece.

9. Saturate all fleece surfaces to be lapped prior to overlapping with subsequent layers of fleece. Fleece overlaps must be a minimum of 2 inches.

10. Apply a base coat of Paraflex 531 Liquid Flashing Membrane over the horizontal substrate, extended a minimum of 8 inches beyond the penetration in all directions. Set the pre-cut Pro Fleece over the base coat and embed the fleece into the resin. Ensure that the resin does not extend more than ¼-inch beyond the Pro Fleece reinforcement.



11. Top coat the embedded Pro Fleece with Paraflex 531 Liquid Flashing Membrane.



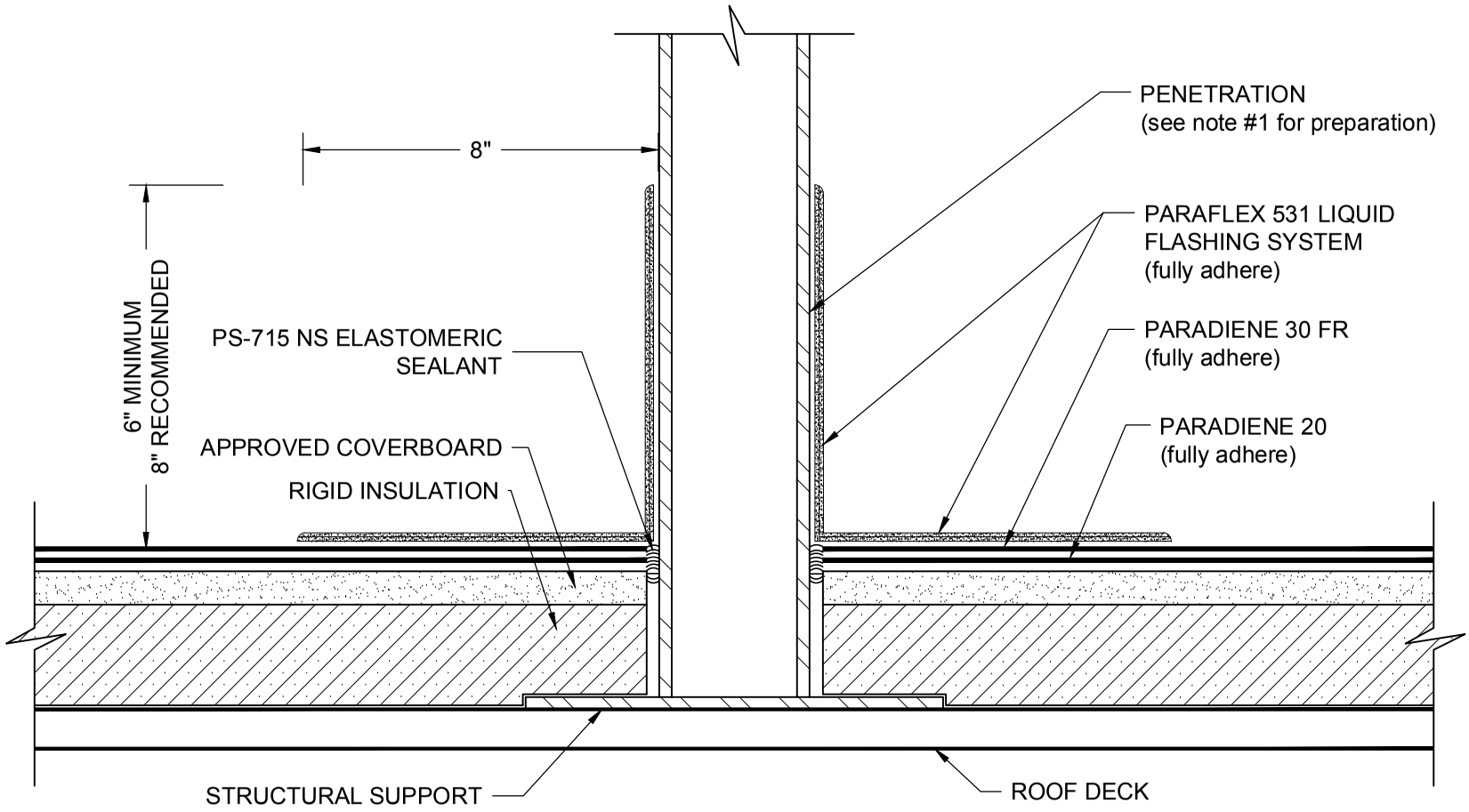
12. Remove the masking tape before the resin sets.

Appendix A
Standard Paraflex 531 Liquid Flashing Membrane Details

Typical Penetration Detail

PENETRATION with PARAFLEX 531 LIQUID FLASHING SYSTEM

PARADIENE 20/30 FR - RIGID INSULATION



NOTES:

1. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAFLEX LIQUID MATERIALS.
2. BEFORE APPLICATION OF PARAFLEX 531 LIQUID FLASHING SYSTEM, PS-715 NS ELASTOMERIC SEALANT SHOULD BE USED TO FILL VOIDS WHERE ROOFING MEMBRANES TERMINATE AT PENETRATIONS.
3. PARAFLEX CANNOT BE APPLIED IN THE ABOVE CONFIGURATION OVER MEMBRANES APPLIED IN SOLVENT-BASED ADHESIVES. CONTACT SIPLAST FOR FURTHER INFORMATION.
4. REFER TO SIPLAST FLEECE CUTTING RECOMMENDATIONS FOR CONFIGURATIONS, CUTTING, FOLDING, AND LAPPING TECHNIQUES.
5. PRIME PARADIENE PLY SHEETS USING PRO PRIMER AC TO MAINTAIN A CONSISTENT AESTHETIC APPEARANCE OF THE FINISHED PARAFLEX SYSTEM.
6. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS AND THE PARAFLEX 531 LIQUID FLASHING SYSTEM INSTALLERS GUIDE SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

CAUTION: SIPLAST RECOMMENDS THAT ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE-EXTINGUISHING EQUIPMENT NEARBY.

N.T.S

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Appendix B
Paraflex 531 Liquid Flashing Membrane Fleece Cutting Diagrams

Typical Angle Iron Detail 1:
Vertical Surfaces

Typical Angle Iron Detail 2:
Horizontal Surfaces

Typical I-Beam Detail 1:
Vertical Surfaces

Typical I-Beam Detail 2:
Horizontal Surfaces

Typical Round Pipe Detail

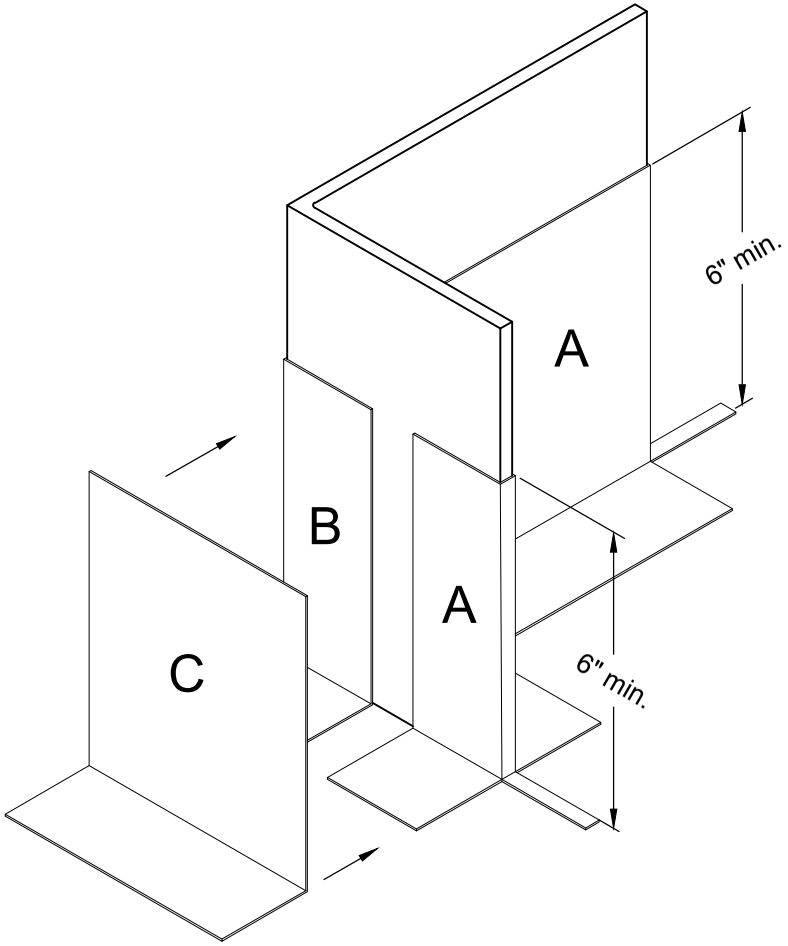
Outside Corner Detail (bottom)

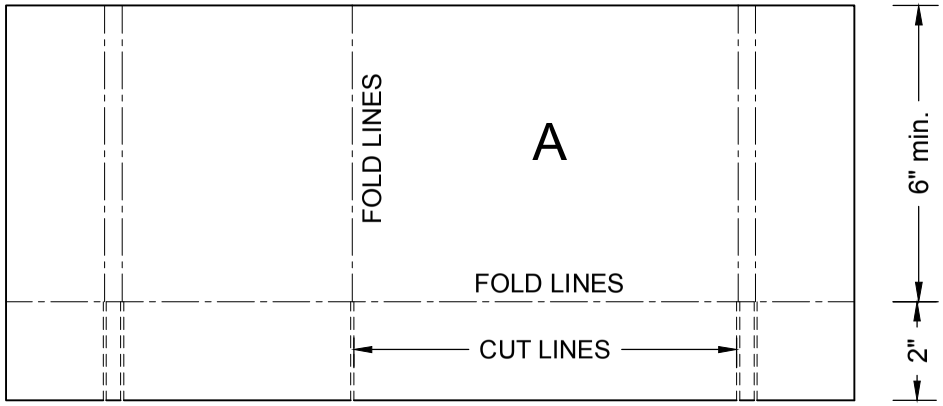
Inside Corner Detail

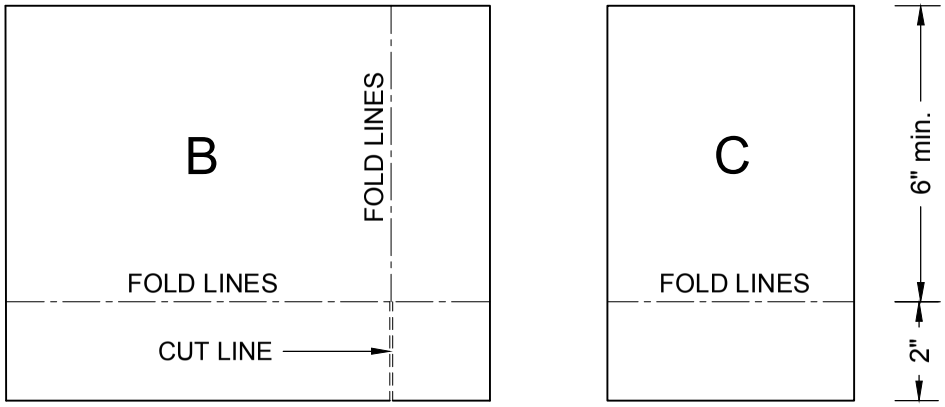
PARAPRO 123 FLASHING SYSTEM AND PARAFLEX 531 LIQUID FLASHING

Fleece cutting recommendations

Typical angle iron detail 1: vertical surfaces







NOTES:

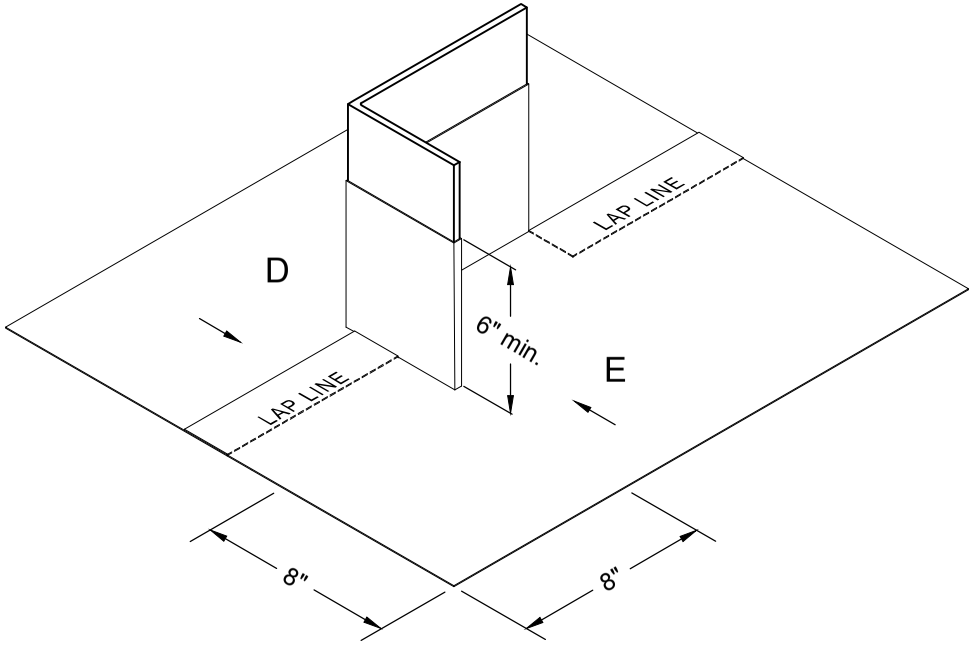
1. SEE SCHEMATICS "FC angle S-2" and "FC angle S-3" FOR FLEECE CUTTING TREATMENT OF HORIZONTAL SURFACES.
2. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF THE FLASHING SYSTEM.
3. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN THE APPLICABLE INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
4. REFER TO SIPLAST PARAPRO AND PARAFLEX FLASHING DETAILS FOR PROPER FLEECE CONFIGURATION WITH BITUMINOUS ROOFING AT APPLICABLE PENETRATIONS AND/OR TRANSITIONS AND REQUIRED DIMENSIONS.

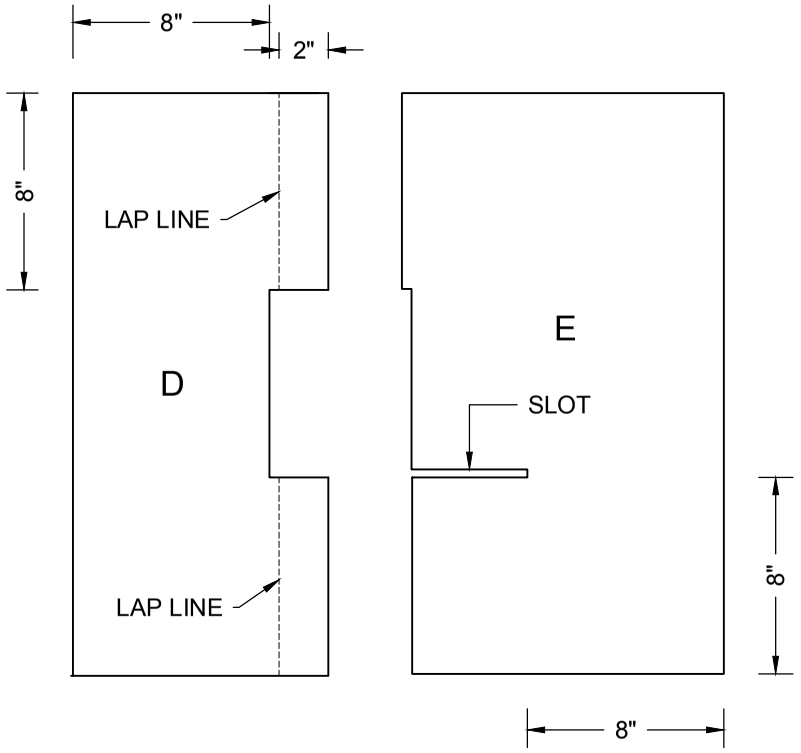
N.T.S

PARAPRO 123 FLASHING SYSTEM AND PARAFLEX 531 LIQUID FLASHING

Fleece cutting recommendations

Typical angle iron detail 2: horizontal surfaces





NOTES:

1. SEE SCHEMATIC "FC angle S-1" FOR FLEECE CUTTING TREATMENT OF VERTICAL SURFACES.
2. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF THE FLASHING SYSTEM.
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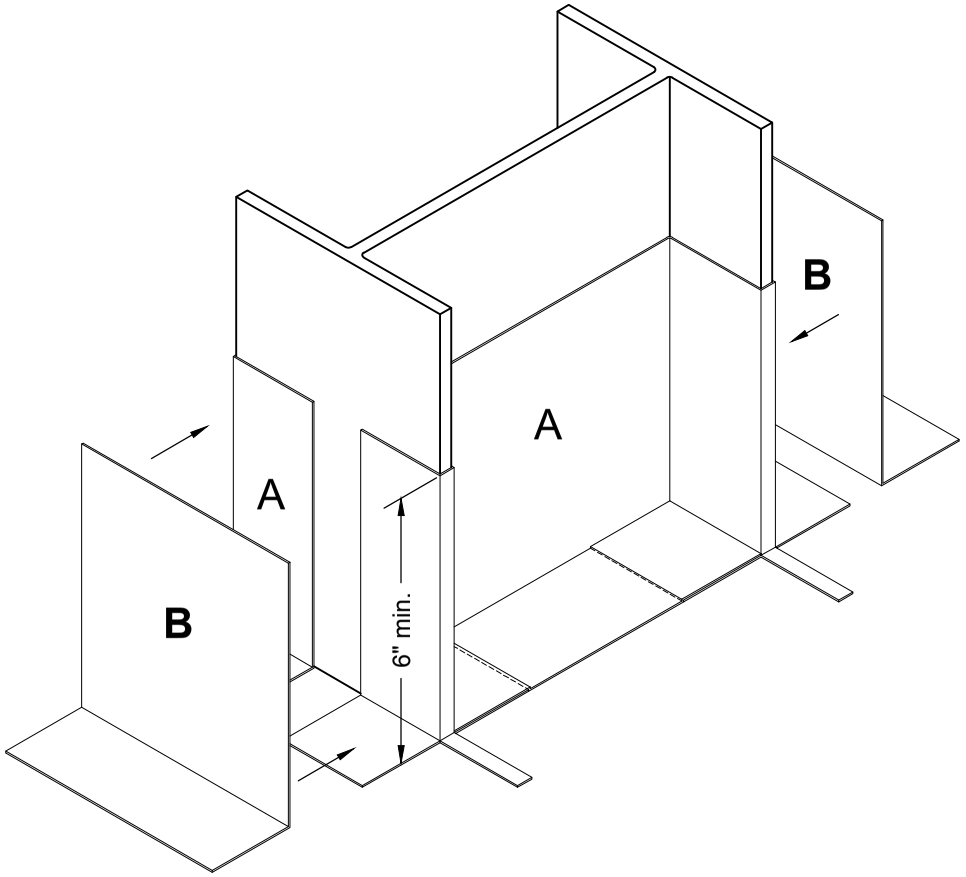
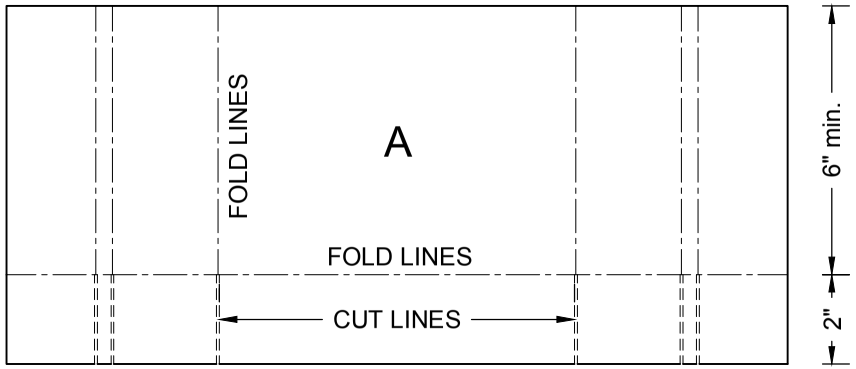
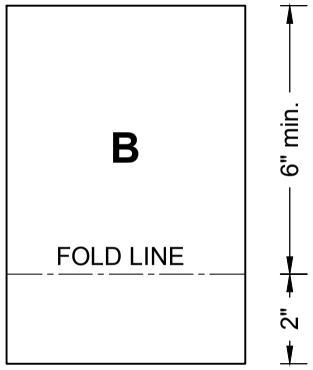
PARAPRO 123 FLASHING SYSTEM AND PARAFLEX 531 LIQUID FLASHING

Fleece cutting recommendations

Typical I-beam detail 1: vertical surfaces







NOTES:

1. SEE SCHEMATICS "FC I-beam S-2" and "FC I-beam S-3" FOR FLEECE CUTTING TREATMENT OF HORIZONTAL SURFACES.
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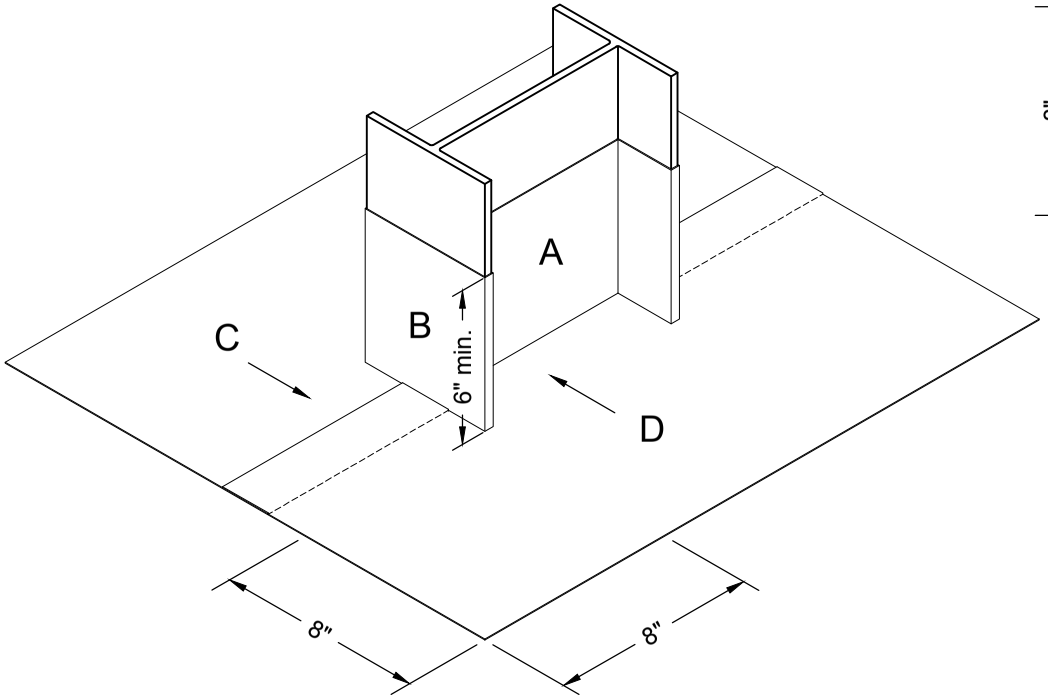
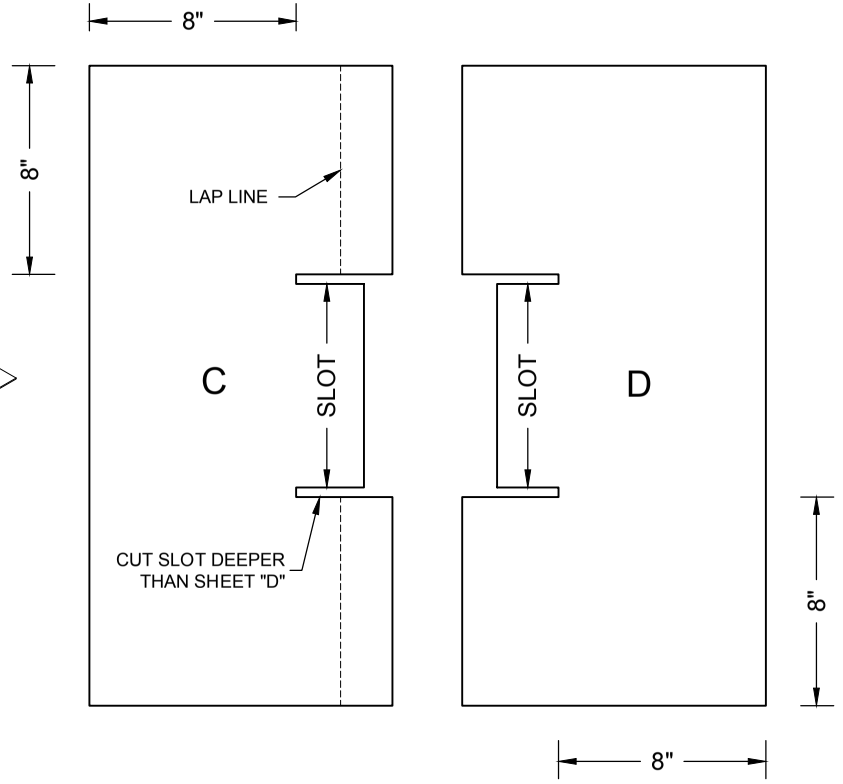
N.T.S

PARAPRO 123 FLASHING SYSTEM AND PARAFLEX 531 LIQUID FLASHING

Fleece cutting recommendations

Typical I-beam detail 2: horizontal surfaces





NOTES:

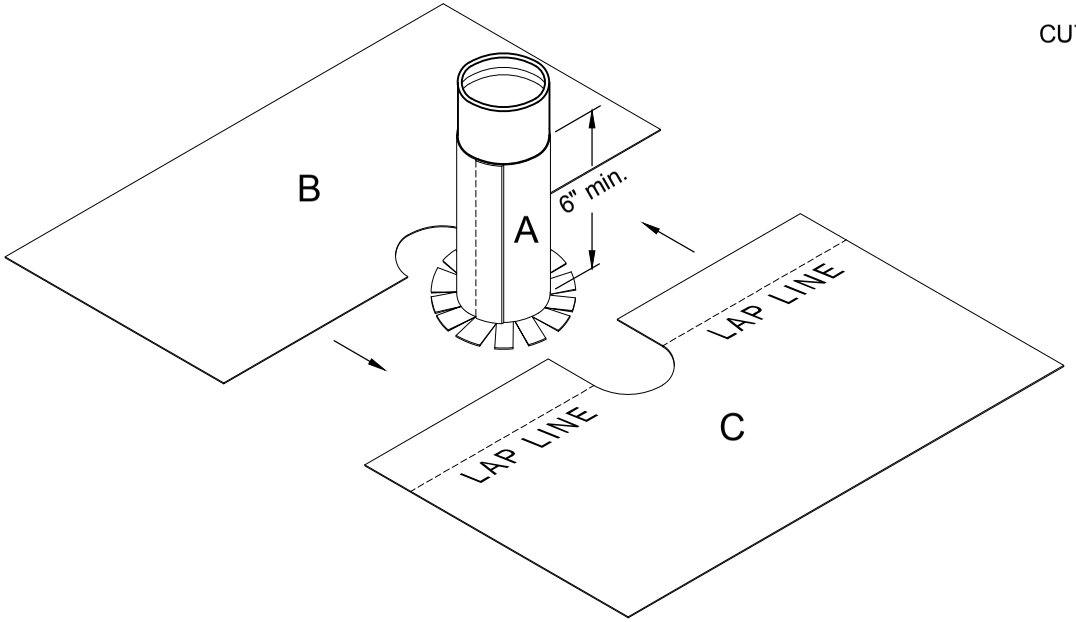
1. SEE SCHEMATICS "FC I-beam S-1" FOR FLEECE CUTTING TREATMENT OF VERTICAL SURFACES.
2. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF THE FLASHING SYSTEM.
3. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN THE APPLICABLE INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
4. REFER TO SIPLAST PARAPRO AND PARAFLEX FLASHING DETAILS FOR PROPER FLEECE CONFIGURATION WITH BITUMINOUS ROOFING AT APPLICABLE PENETRATIONS AND/OR TRANSITIONS AND REQUIRED DIMENSIONS.

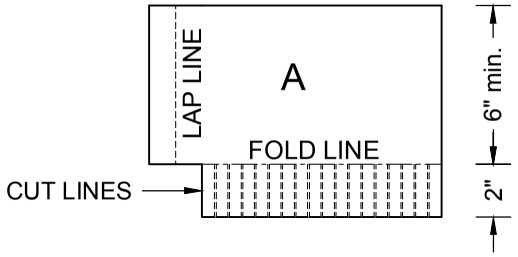
N.T.S

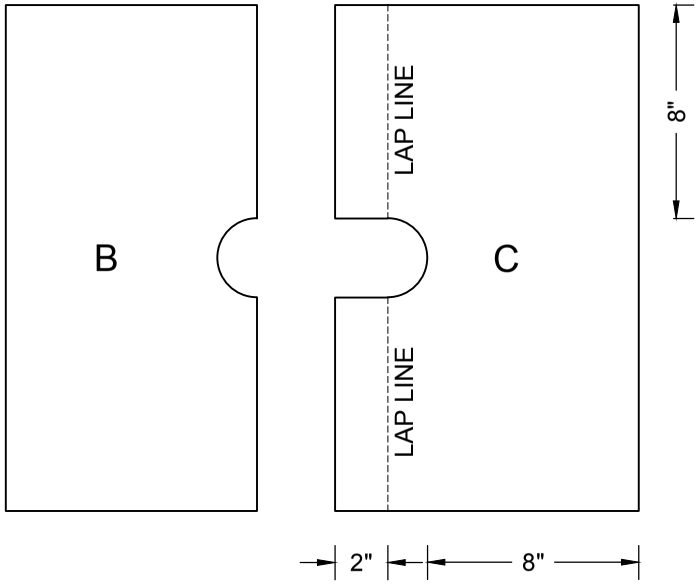
PARAPRO 123 FLASHING SYSTEM AND PARAFLEX 531 LIQUID FLASHING

Fleece cutting recommendations

Typical round pipe penetration detail







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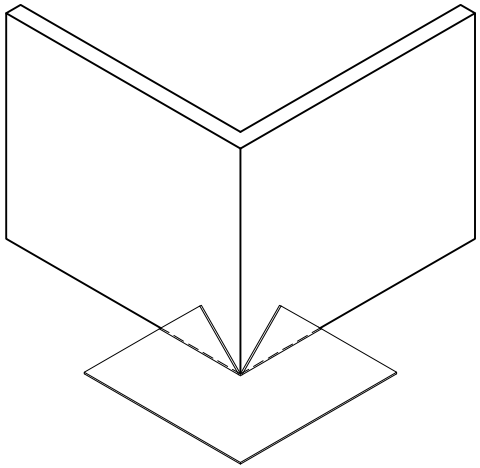
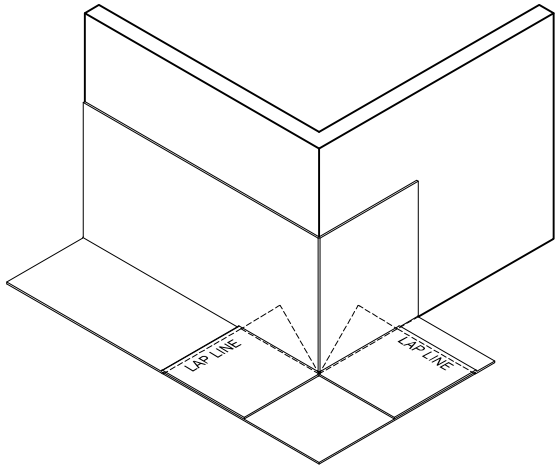
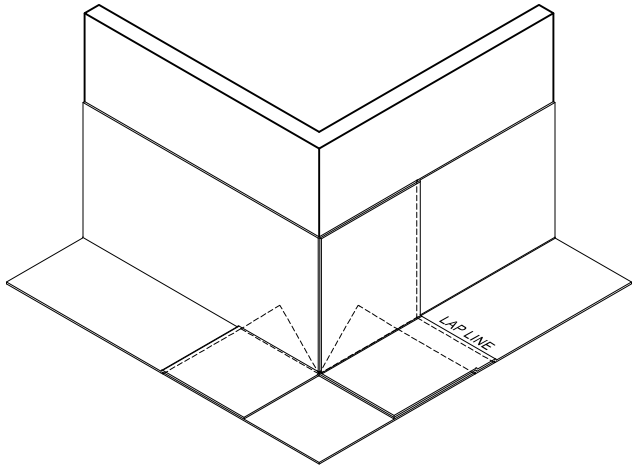
N.T.S

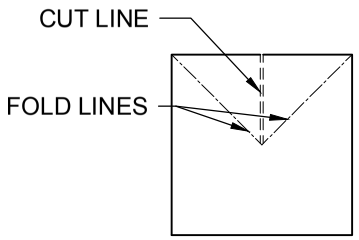
PARAPRO 123 FLASHING SYSTEM AND PARAFLEX 531 LIQUID FLASHING

Fleece cutting recommendations
Bottom outside corner detail

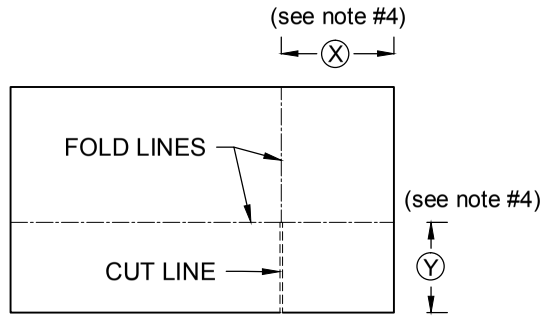




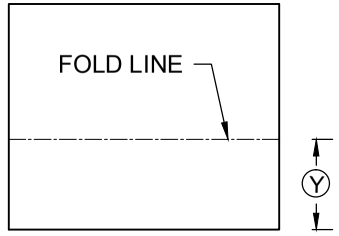




A



B



C

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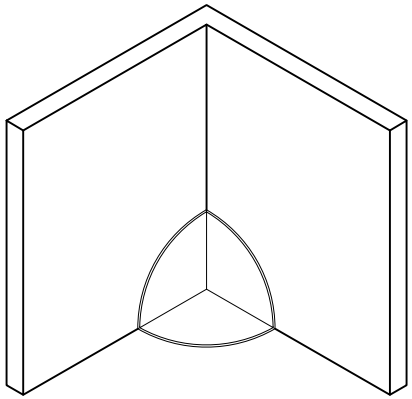
4. THE DIMENSION FOR ITEM Ⓧ SHOULD BE EQUAL TO THE DIMENSION REQUIRED FOR THE ITEM Ⓨ AS SHOWN ABOVE.

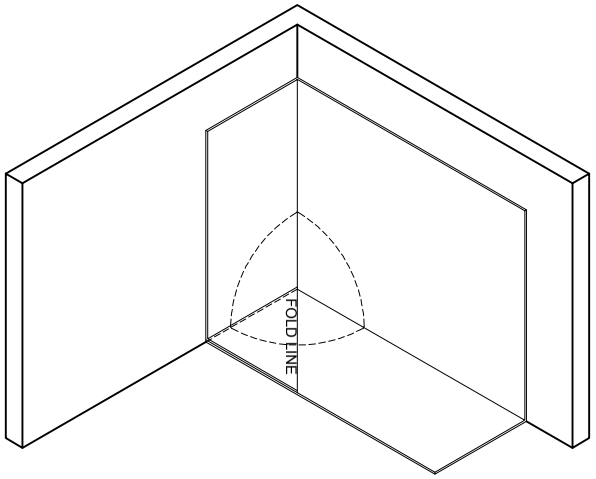
N.T.S

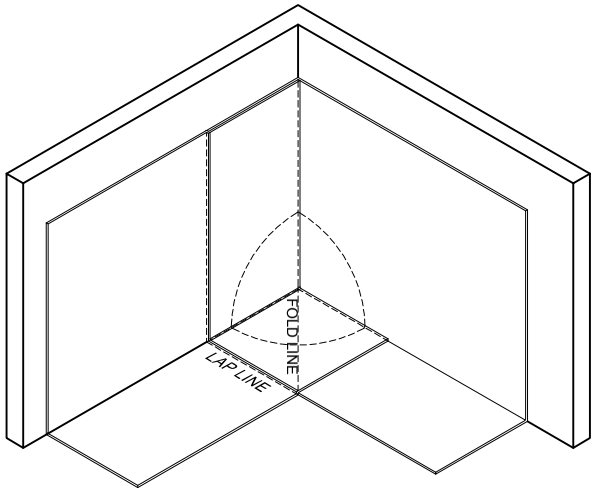
PARAPRO 123 FLASHING SYSTEM AND PARAFLEX 531 LIQUID FLASHING

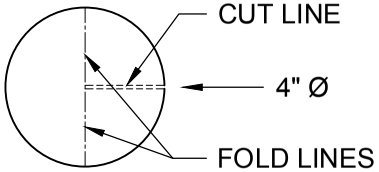
Fleece cutting recommendations

Inside corner detail



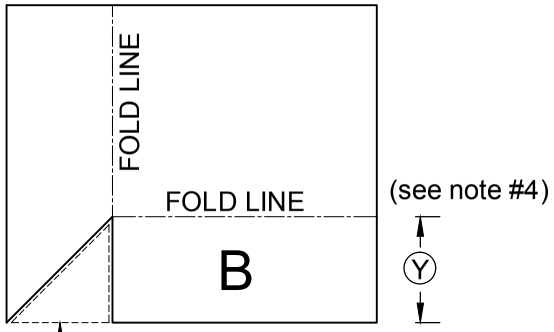


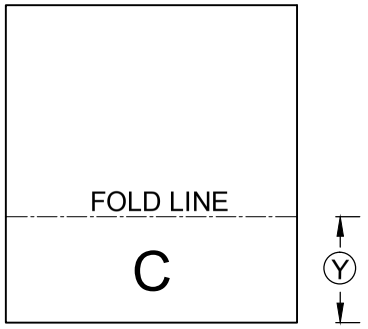




A

(see note #4)





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N.T.S

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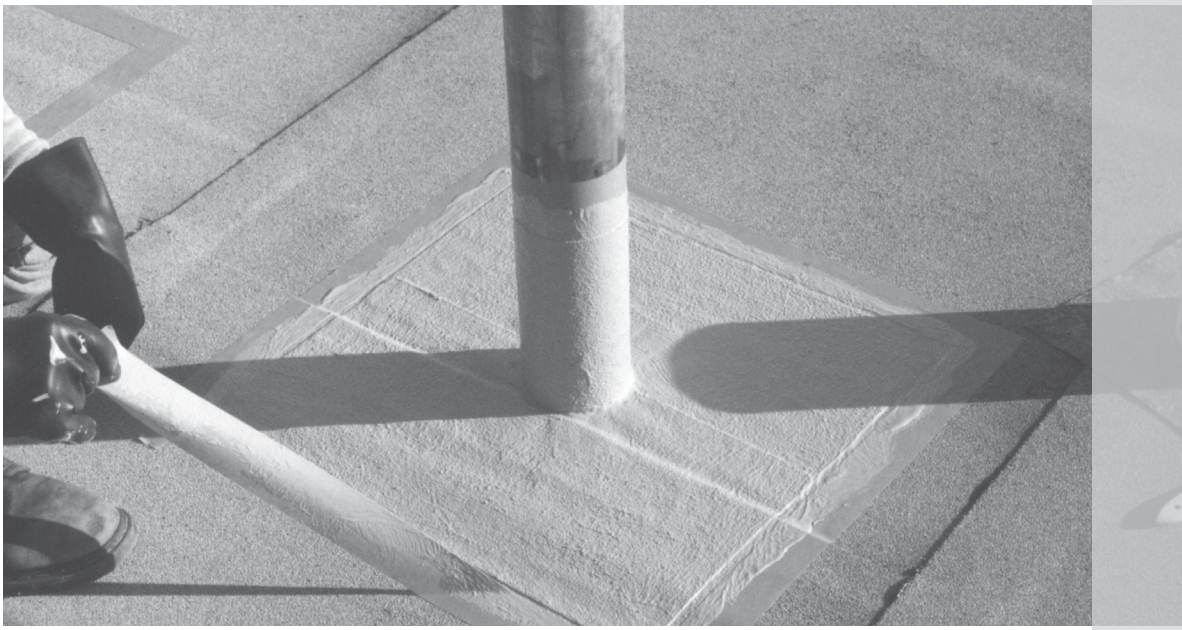

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February 2019