



**Southern Connecticut
State University**

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Lyman Center Roof Replacement - 2023

Project Number: SCSU-2022-04

Bid No.: RFQ-23-SCSU-01

ADDENDUM NO. 4

March 21, 2023

TO: Prospective Contractors of Record

FROM: Peter J. Visentin, Director of Architectural Services
Richard L. Glasson, Purchasing Assistant
Procurement, Southern Connecticut State University 501 Crescent Street, New Haven, CT 06515-1355
Tel 203-392-6702

REFERENCE: Proposal Documents For:
Lyman Center Roof Replacement - 2023
Project Number: SCSU-2022-04
Bid No.: RFQ-23-SCSU-01

This Addendum forms a part of the contract documents and modifies the original proposal documents, Dated February 16, 2023 and Addendums #1, #2, #3 already posted.

Item 1 CLARIFICATION –PROJECT MANUAL FOR BIDDERS:

Refer to the 'Objective Criteria for Evaluating Qualifications of Bidders' for the bidders/contractor qualifications for bidding and for actually doing the work described in the documents. The University has very strict requirements that a contractor must have the experience and capability to do the work. Note that Section 07 53 23, EPDM Membrane Roofing, has stricter qualification requirements.

The Owner will consider requests for equals or substitutions if made prior to the Receipt of the Competitive Bid. The information on all materials shall be consistent with the information in the specifications. We will accept those EPDM Materials if they meet the specifications requirements, and all installations will need to meet FM Global Roof Nav Numbers.

See General Requirements, Section 01 25 00, SUBSTITUTION PROCEDURES, Paragraph D.1.

Item 2 ADDITIONAL INFORMATION:

The roof system will need to be furnished and installed per roof warranty, Roof Nav numbers, the Roof Area forms and the associated FM Global requirements.

Attachment, Reference Sheet R0.1 Mark Up has been included to clarify Roof Nav Numbers as they relate to the building's roof areas: A through E

Attachment, Roof Plan – Roof Areas has been included to denote the building's roof areas: A through E.

Attachment, FM Global Roof Area Forms has been included to denote the FM Global Roof Nav Assembly Number in relation to the building's existing roof areas: A through E

The successful low bidder will need to fill out 2688 forms for FM Global coordination and confirmation.

Item 3 ADDITIONAL INFORMATION:

The required design pressures are listed in specification sections, 1.4 Performance Requirements Paragraph C of 07 53 23 EPDM Roofing and 2.2 Performance Requirements Paragraphs A & B of 07 53 23 EPDM Roofing.

The contractor needs to meet these parameters and the FM Global parameters for the Roof Nav numbers. The selected general / roofing contractor will be required to perform and pay for the required roof pull testing, uplift testing under FM Global and SCSU supervision as required for compliance.

Lyman Center Roof Replacement -2023
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March 21, 2023

Item 4 CORRECTION:

Specification Section 07 53 23, EPDM Roofing - Base Bid, paragraph 1.11 Warranty, A, 2 Warranty Period lists a 30-year warranty, this warranty period is 20 years for the Base Bid system.

Item 5 CLARIFICATION:

Drawing A2.5 Roof Details - Detail 4/A2.5, Alternate Roof/Wall Flashing Detail. This alternate would be acceptable for fastening if there is an existing steel beam / angle or structure at the typical fastening point. All fastening will need to be acceptable per the Roof Nav number assemblies.

Item 6 SPECIFICATION REVISIONS 1.1:

Specification Revision 1.1 - Change Specification Section 07 53 23 EPDM Roofing – Base Bid and Section 07 53 23 EPDM Roofing – Supplemental Bid #1, Section 2.2 Performance Requirements, B. FM Global Listing, 1. Upper Roofs (41 feet high), a. Minimum Safety Factor: 2.0, 1) Field of Roof: Class **1-90** (changed from 1-105). Refer to Attachments for additional information and further clarification.
The successful low bidder will need to fill out 2688 forms for FM Global coordination and confirmation.

Item 7 QUESTIONS AND ANSWERS – CONTRACTOR #1:

Are we to bid the Tectum Deck areas with the FM 1A-90 system for Tectum Decking?

Response: Refer to Specification Revision 1.1 of this addendum.

Are we to bid the Tectum Deck areas “without” use of cover board?

Per Contract Drawings & Specifications.

Are we to use coverboard at the steel deck and concrete deck areas only?

Per Contract Drawings & Specifications.

What is the fastening requirements if we are to use the mentioned 1A-90 system?

Per Basis of Design Roof Nav Numbers.

The successful low bidder will need to fill out 2688 forms for FM Global coordination and confirmation.

Item 8 QUESTIONS AND ANSWERS – CONTRACTOR #2:

Is flat insulation being used at all Tectum roof decks and are we to re-use all perimeter grout crickets?

If perimeter grout crickets are not in good shape and need demo and replacement, how will the additional costs for demo and new cricket insulation be calculated?

Are the concrete and steel roof decks pre-sloped with only flat insulation and tapered crickets needed at these areas or will tapered insulation in the field be required?

Response – Reuse existing perimeter grout crickets. Flat and tapered insulation will be required to meet the one – quarter inch / foot (¼”) minimum pitch at all roof areas.

The existing grout crickets will need to be evaluated after demo.

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Item 9 QUESTIONS AND ANSWERS – CONTRACTOR #2:

Page A2.0 Roof demo Plan shows insulated grout “Diamond Crickets” with dashed lines in the Center of the main roof and at parapet wall. Drawing A2.1 shows the same crickets with hatching.

What is the intent at these diamond cricket areas?

Are we overlaying the existing grout crickets with new tapered crickets?

Are the grout diamond crickets to be removed before the new crickets are installed?

Response - Reuse existing perimeter grout crickets. Flat and tapered insulation will be required to meet the one – quarter inch / foot (1/4”) minimum pitch at all roof areas. Tapered Crickets are to be installed over existing grout crickets as required.

Item 10 QUESTIONS AND ANSWERS – CONTRACTOR #2:

In regard to the cutting and patching of the hard ceilings for the plumbing contractor, there are hard ceilings and some with 1’x1’ fiber ceiling tiles glued to the drywall ceiling.

What brand or manufacturer are the existing 1’x1’ fiber ceiling tiles are to be used for replacement?

It may not be possible to find matching tiles, if tiles do not match is there another option or method which can be used knowing that there may not be a perfect match?

Response - The successful low bidder will need to submit a tile for approval.

Have the existing fiber ceiling tiles been tested for asbestos and if so, who will be responsible for the removal and disposal of these tiles?

Response – To our knowledge the tiles have not been tested. The contractor is to dispose of tile in a proper manner. Testing will need to be requested by the successful low bidder, and abatement will need to be conducted by an approved abatement contractor.

Can a drawing be issued which depicts in grey, the exact areas of removal and replacement, what type of ceiling and or tiles and sq footages for bidding purposes?

Response – Pre Bid Walk Throughs have been conducted on site by the owner.

Item 11 QUESTIONS AND ANSWERS – CONTRACTOR #3:

RFI-There are 2 areas with ceiling removal and replacement. One area is the Front Entry which is all 1 by 1 tiles glued over plaster. This a very large circular area to be removed and replaced. The other area is a second floor storage room with a fixed ceiling maybe sheetrock. Can you clarify if these areas will be tested prior to the bid so we can bid the correctly?

Response - To our knowledge these areas have not been tested. The contractor is to dispose of all demolished material in a proper manner. Testing will need to be requested by the successful low bidder, and abatement will need to be conducted by an approved abatement contractor.

Item 12 QUESTIONS AND ANSWERS – CONTRACTOR #4:

RFI-In speaking with the specified manufacturer for this project, it appears that they are unable to meet the requirements with the provided roof nav #'s.

Response: Refer to Specification Revision 1.1 of this addendum. All installations will need to meet FM Global Roof Nav Numbers.

The successful low bidder will need to fill out 2688 forms for FM Global coordination and confirmation.

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Item 13 QUESTIONS AND ANSWERS – CONTRACTOR #5:

1) After discussions with the basis of design roofing manufacturer Firestone (now known as Elevate), and other main stream roofing manufacturer's (JM, Carlisle, etc.) none of them can meet the designed FM ratings of 1-105 / 1-150 / 1-225 for the upper Tectum deck 41' roof elevation. Please advise on the FM requirements for the project and roof system assemblies.

Response: Refer to Specification Revision 1.1 of this addendum.

2) The steel roof deck RoofNav assemblies have ½" DensDeck Prime listed in the RoofNav assembly. Specifications call for HD coverboards. Please advise on the FM requirements for the project and roof system assemblies.

Response: All installations will need to meet FM Global Roof Nav Numbers.

3) What is the 075323 wind speed requirement for the warranty? Ref. 075323.3.11.D.1.b section where a peak gust wind speed for the warranty is not listed. This warranty wind speed coverage is different than the roof systems designed wind speed.

Response: The referenced section is a sample warranty for your information only. All installations will need to meet FM Global Roof Nav Numbers.

4) Will the design team accept EPDM materials from Carlisle and/or JM for specification 075323?
See Item #1 in this addendum.

Item 14 QUESTIONS AND ANSWERS – CONTRACTOR #6:

Who will be responsible for moving items out of Shipping Receiving Staging 127 and Storage 128, so that the plumber can work on the drains?

Response: The University staff will move items as required for the work to proceed.

ATTACHMENTS:

Reference Sheet R0.1 Marked Up

Roof Key Plan – Roof Areas

FM Approval Forms- Roof Nav Assembly #'s for Roof Areas A through E (28 Pages)

**CONTRACTOR SHALL ACKNOWLEDGE RECEIPT OF THIS
ADDENDUM ON THE BID FORM**

END OF ADDENDUM NO. 4

Sincerely yours,

Peter J. Visentin

Peter J. Visentin, AIA
Director of Architectural Services

Richard L. Glasson

Richard L. Glasson
Purchasing Assistant

ABBREVIATIONS

ABBREVIATIONS

ABOVE FINISH FLOOR	A.F.F.	JOINT	JT.
ACOUSTIC TILE	A.C.T.	LAVATORY	LAV.
ALTERNATE	ALT.	LIGHTING	LTG.
ANGLE	L	MANUFACTURER	MFR.
ARCHITECTURAL/ARCHITECT AT	ARCH. @	MASONRY	MAS.
BOARD	BD.	MASONRY OPENING	M.O.
BOTTOM OF BUILDING	B/O BLDG.	MATERIAL	MATL.
		MAXIMUM	MAX.
		MECHANICAL	MECH.
CEILING	CLG.	MINIMUM	MISC.
CENTER	CTR.	MISCELLANEOUS	MISC.
CERAMIC FLOOR TILE	CT	ON CENTER	O.C.
CERAMIC TILE BASE	CTB		
CERAMIC WALL TILE	CWT	PAINT	P
CONTROL OR CONSTRUCTION JOINT	C.J.	PAINTED	PTD.
CONTINUOUS	CONT.	PLASTIC LAMINATE	P.LAM.
CORRIDOR	CORR.	PLYWOOD	PLYWD.
		PREFABRICATED	PREFAB.
DEMOLITION	DEMO.	POINT	PT.
DIMENSION	DM.		
DOWN		RADIUS	RAD.
		REINFORCED / REINFORCING	REINF.
ELECTRIC / ELECTRICAL	ELEC.	REQUIRED	REQ'D.
ELEVATION	EL.	REVISION, REVISED	REV.
ELEVATOR	ELEV.	ROOM	RM.
EQUAL	EQ.		
EXISTING	EXIST.	SCHEDULE	SCHED.
EXPANSION JOINT	E.J.	SECTION	SECT.
EXPANSION	EXP.	SHEET	SHT.
EXPANSION JOINT	E.J.	SIMILAR	SIM.
		SPECIFICATIONS	SPEC.
FEET, FOOT	FT.	SQUARE FEET (FOOT)	S.F.
FINISH, FINISHED	FIN.	STANDARD	STD.
FIXTURE	FIXT.	STEEL	STL.
FLOOR	FL.	STORAGE	STOR.
FLOOR DRAIN	FD.	STRUCTURAL	STRUCT.
		SOLID SURFACE	SS
GYPSUM BOARD	GYP.BD.	SUSPEND, SUSPENSION	SUSP.
		SYSTEM	SYS.
HANDICAPPED	H.C.		
HEIGHT	HGT.	TO BE DETERMINED	TBD
HOLLOW METAL	HM.	TEMPERATURE/TEMPORARY	TEMP.
HORIZONTAL	HORIZ.	TOP OF	T/O
		TYPICAL	TYP.
INCH OR INCHES	IN. OR "		
INFORMATION	INFO.	UNDERWRITER'S LABORATORIES	U.L.
INSULATION	INSUL.		
INTERIOR	INT.	VERIFY IN FIELD	V.I.F.
		VERTICAL	VERT.
		VINYL ASBESTOS TILE	V.A.T.
		VINYL COMPOSITION TILE	V.C.T.
		WATER CLOSET	W.C.
		WITH	W/

SYMBOLS LEGEND

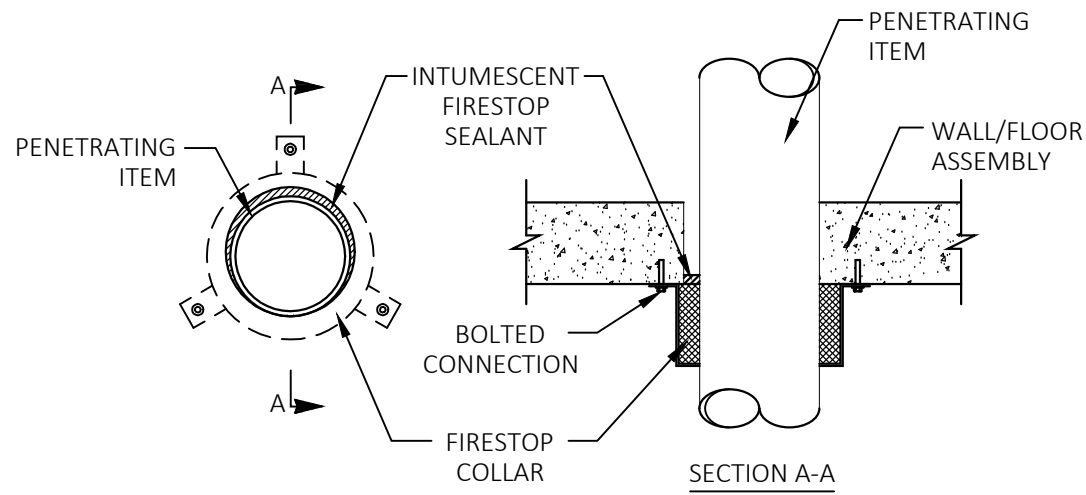
ARCHITECTURAL SYMBOLS

BUILDING SECTION	
WALL SECTION	
COLUMN CENTERLINE	
DETAIL DESIGNATION, PLAN DETAIL, LARGE SCALE PLANS	
DEMOLITION TAG	
WALL TYPES	
REVISION NUMBER	
DATUM / ELEVATION / LEVEL LINE	
EXISTING CONSTRUCTION TO REMAIN	
NEW STUD CONSTRUCTION	
NEW CONCRETE BLOCK	
NEW FACE BRICK	
SOFFITS / OVERHANG ABOVE	
AREA OF REFUGE WHEELCHAIR SPACE ACCESS, CLEAR FLOOR SPACE ASSEMBLY WHEELCHAIR SEAT 30"x48" CLEAR FLOOR SPACE	
ACCESSIBLE ELEMENT	

ARCHITECTURAL MATERIALS

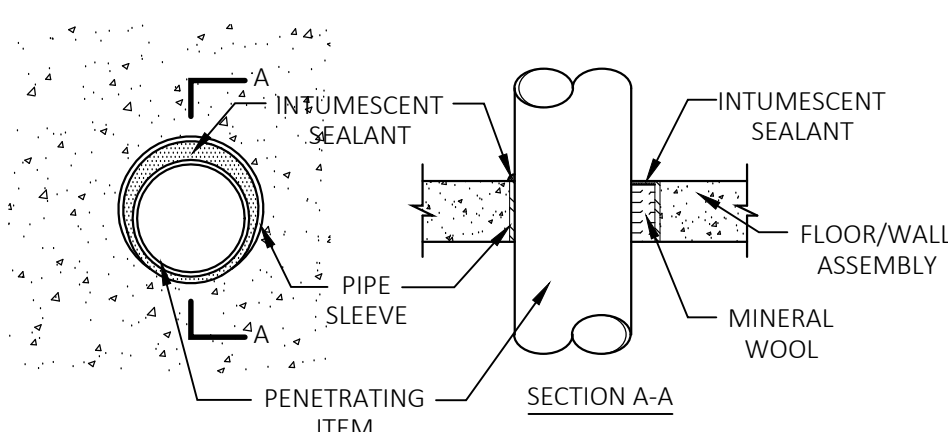
C.M.U.		PLYWOOD	
CONCRETE		RIGID INSULATION	
FACE BRICK		ROUGH WOOD (CONTINUOUS)	
FACE GRAIN		ROUGH WOOD (INTERRUPTED)	
FINISHED WOOD		BATT INSULATION	
GYPSUM BOARD		PLASTER	
ACOUSTICAL TILE		SHEATHING INSUL.	
ALUMINUM		STEEL	
CAST STONE		ROOF BALLAST	

F Rating - 3 Hr T Ratings - 0, 2 & 3 Hr (See Item 2)



UL RATED DETAILS

F-RATING = 3 HR. T-RATING = 0 HR.
L-RATING AT AMBIENT = LESS THAN 1 CFM/SG. FT.
L-RATING AT 400° F = 4CFM/SQ. FT.



NOTES

CONSTRUCTION NOTES

- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL CODES AND ORDINANCES.
- DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION OF DIMENSIONS FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
- CONTRACT DRAWINGS MAY VARY FROM ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL CORRECT DIMENSIONS OF ALL MATERIALS TO CARRY OUT THE INTENT OF THE CONTRACT DRAWINGS. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD BEFORE ORDERING ANY MATERIALS. CONTRACTOR SHALL NOTIFY ARCHITECT PROMPTLY OF ANY CRITICAL DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- ALL NEW WORK SHALL BE IMPLEMENTED SO AS TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE WITH ALL EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY TO ACHIEVE THIS REQUIREMENT, EVEN THOUGH PROCEDURES ARE NOT DETAILED FOR EACH SPECIFIC CONDITION OR COMBINATION OF CONDITIONS. QUALITY OF WORKMANSHIP, MATERIALS AND FINISHES SHALL BE EQUAL TO THE LEVEL ESTABLISHED FOR SIMILAR CONSTRUCTION, EXCEPT WHERE EXISTING APPEARANCE IS TO BE MATCHED TO ACHIEVE CONTINUITY.
- CUTTING AND PATCHING SHALL BE THE RESPONSIBILITY OF THE TRADE WHOSE WORK RESULTS IN THE NEED FOR CUTTING AND PATCHING UNLESS A SPECIFIC CONTRACTOR IS CALLED OUT ON THE DRAWINGS. ALL HOLES LEFT BY REMOVING MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT, ETC. SHALL BE PATCHED.
- UNLESS OTHERWISE NOTED OR DIMENSIONED, NEW PARTITIONS SHALL BE CENTERED ON BUILDING COLUMN GRID OR WINDOW MULLIONS.
- CONTRACTOR SHALL PROVIDE WOOD BLOCKING AT WALLS AS REQUIRED TO SUPPORT PIPING, CABINETS TV BRACKETS AND RELATED ITEMS.
- ALL EGRESS DOORS SHALL BE NON-LOCKING IN DIRECTION OF TRAVEL.

DEMOLITION NOTES

- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL NATIONAL, STATE, LOCAL CODES & ORDINANCES.
- THE DEMOLITION PLANS ARE DIAGRAMMATIC AND INTENDED TO SHOW THE GENERAL EXTENT OF THE WORK ONLY. THE CONTRACTOR SHALL INCLUDE ALL DEMOLITION WORK REQUIRED TO ACCOMPLISH THE INTENT OF THE PLANS AND SPECIFICATIONS.
- ALL DEMOLISHED ITEMS SHALL BE REMOVED FROM BUILDING / SITE UNLESS NOTED OTHERWISE. COORDINATE WITH OWNER FOR DELIVERY OF ITEMS NOTED TO REMAIN OWNERS PROPERTY. THE PROJECT SITE / BUILDING SHALL BE CLEANED OF DEBRIS ON A DAILY BASIS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND SUPPORT (TEMPORARY OR PERMANENT) FOR ALL PORTIONS OF CONSTRUCTION DURING DEMOLITION AND CONSTRUCTION.
- ALL ABANDONED MECHANICAL / ELECTRICAL / PLUMBING LINES SHALL BE CAPPED OFF BEHIND FINISHES, UNLESS NOTED OTHERWISE. REFER TO MECHANICAL / ELECTRICAL / PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL SAWCUT ALL MASONRY OR CONCRETE OPENINGS INDICATED. MASONRY SHALL BE TOOTHED IN AND / OR RETURNED TO FINISHED OPENING.
- ALL OPENINGS WHERE EXISTING CONSTRUCTION HAS BEEN REMOVED, AND WHICH ARE NOT NOTED TO REMAIN, SHALL BE FILLED AND / OR PATCHED TO MATCH THE ADJACENT EXISTING OR NEW FINISH, INCLUDING ANY FIRE RATINGS REQUIRED.
- ALL AREAS OF FLOORS, WALLS AND CEILINGS DISTURBED BY DEMOLITION SHALL BE FILLED, PATCHED OR OTHERWISE REFINISHED TO MATCH EXISTING OR NEW FINISH AS DESIGNATED, INCLUDING ALL REQUIRED RATINGS.
- CONTRACTOR MUST VERIFY LOCATIONS OF ALL EXISTING STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL ELEMENTS PRIOR TO START OF DEMOLITION.

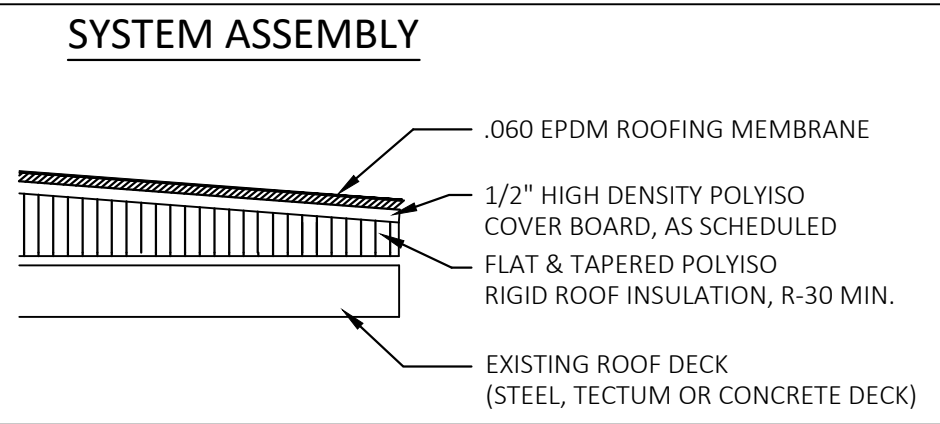
GENERAL NOTES

- DIMENSION CRITERIA
FROM FACE OF METAL STUD TO FACE OF METAL STUD.
FROM FACE OF METAL STUD TO FACE OF CONCRETE MASONRY UNIT.
FROM FACE OF CONCRETE MASONRY UNIT TO FACE OF CONCRETE MASONRY UNIT.

FIRESTOPPING NOTES:

ALL PENETRATION FIRESTOPPING IS REQUIRED FOR ALL BUILDING LEVELS PERTAINING TO THE WORK ASSOCIATED WITH THESE CONTRACT DOCUMENTS. REFER TO SPECIFICATION SECTION 078413 - PENETRATION FIRESTOPPING, FIRE RATING PLAN, ASSOCIATED NOTES & DRAWINGS FOR EXTENT OF WORK

NEW ROOF SYSTEM INFORMATION



ROOF AREA A / AREA D / AREA E

ROOF SYSTEM INFORMATION

ROOF R-VALUES

CEMENT WOOD FIBER ROOF DECK

EPDM ROOFING SYSTEM	
MATERIAL:	'R' VALUE:
OUTSIDE AIR	.17
EPDM ROOF MEMBRANE	0.5
MINIMUM 5" CONTINUOUS RIGID ROOF INSULATION (MIN. R = 5.7/INCH)	28.50
2" CEMENTITIOUS WD. FIBER ROOF DECK	2.5
INSIDE AIR FILM	0.61
Total:	32.28
IECC 2015	30 C.I.

BASIS OF DESIGN ROOF NAV #434782-0-0

ROOF AREA C

ROOF R-VALUES

STEEL ROOF DECK

EPDM ROOFING SYSTEM	
MATERIAL:	'R' VALUE:
OUTSIDE AIR	.17
EPDM ROOF MEMBRANE	0.5
1/2" HIGH R COVER BOARD	2.5
MINIMUM 5" CONTINUOUS RIGID ROOF INSULATION (MIN. R = 5.7/INCH)	28.50
INSIDE AIR FILM	0.61
Total:	32.28
IECC 2015	30 C.I.

BASIS OF DESIGN ROOF NAV #126884-0-0 (Field)

BASIS OF DESIGN ROOF NAV #200406-0-0 (Perimeter)

BASIS OF DESIGN ROOF NAV #200407-0-0 (Corners)

ROOF AREA B

ROOF R-VALUES

CONCRETE ROOF DECK

EPDM ROOFING SYSTEM	
MATERIAL:	'R' VALUE:
OUTSIDE AIR	0.17
EPDM ROOF MEMBRANE	0.5
1/2" HIGH R COVER BOARD	2.5
MINIMUM 5" CONTINUOUS RIGID ROOF INSULATION (MIN. R = 5.7/INCH)	28.50
CONCRETE DECK (0.08/INCH)	0.16
INSIDE AIR FILM	0.61
Total:	32.44
IECC 2015	30 C.I.

BASIS OF DESIGN ROOF NAV #290800-0-0

ROOF WIND LOADING

WIND CODE DATA	
CLIMATE ZONE	5
WIND SPEED - Ultimate Design Vult	135 mph
WIND SPEED - Nominal Design Vasd	105 mph
Wind-Borne Debris Region	Type C
SURFACE ROUGHNESS EXPOSURE CATEGORY	B
RISK CATEGORY	III
Ground Snow Load (psf)	30
Seismic Design Category	B

CODE / EXISTING BUILDING INFO

CODE INFORMATION

THE INTERNATIONAL EXISTING BUILDING CODE (IEBC)

CHAPTER 3: PROVISIONS FOR ALL COMPLIANCE METHODS - SECTION 301 ADMINISTRATION

SECTION 301.1 APPLICABILITY - THE ALTERATION OF ALL EXISTING BUILDINGS SHALL COMPLY WITH SECTION 301.3. THE PROVISIONS OF SECTIONS 302 THROUGH 309 SHALL APPLY TO ALL ALTERATIONS REGARDLESS OF COMPLIANCE METHOD.

SECTION 301.3 ALTERATION, ADDITION OR CHANGE OF OCCUPANCY - THE ALTERATION OF ALL EXISTING BUILDINGS SHALL COMPLY WITH ONE OF THE METHODS LISTED

SECTION 301.3.2 WORK AREA COMPLIANCE METHOD - ALTERATIONS COMPLYING WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 6 THROUGH 12 OF THIS CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.

SECTION 302 GENERAL PROVISIONS

SECTION 304 STRUCTURAL DESIGN LOADS AND EVALUATION AND DESIGN PROCEDURES

CHAPTER 6: CLASSIFICATION OF WORK - SECTION 602 ALTERATION LEVEL 1.

602.1 SCOPE - LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

602.2 APPLICATION - LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7

CHAPTER 7: THE ALTERATION MUST COMPLY WITH CHAPTER 7, ALTERATIONS - LEVEL 1:

SECTION 701 GENERAL - IN PARTICULAR SECTION 701.1 SCOPE, SECTION 701.2 CONFORMANCE.

SECTION 702 BUILDING ELEMENTS AND MATERIALS - IN PARTICULAR SECTION 702.1 INTERIOR FINISHES, 702.2 INTERIOR FLOOR FINISH, 702.3 INTERIOR TRIM, 702.7 MATERIALS AND METHODS

SECTION 703 FIRE PROTECTION - IN PARTICULAR SECTION 703.1 GENERAL

SECTION 704 MEANS OF EGRESS - IN PARTICULAR SECTION 704.1 GENERAL

SECTION 705 REROOFING - IN PARTICULAR SECTION 705.1 GENERAL, 705.2 ROOF REPLACEMENT, 705.4 REINSTALLATION OF MATERIALS, 705.5 FLASHINGS

SECTION 706 STRUCTURAL - IN PARTICULAR SECTIONS 706.1 GENERAL, SECTION 706.2 ADDITION OR REPLACEMENT OF ROOFING OR REPLACEMENT OF EQUIPMENT AND SECTION 706.3 ADDITIONAL REQUIREMENTS FOR RE-ROOF PERMITS

SECTION 708 ENERGY CONSERVATION - IN PARTICULAR SECTION 708.1 MINIMUM REQUIREMENTS

BY COMPLYING WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 7 OF THE 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC) THIS ALTERATION SHALL BE CONSIDERED IN COMPLIANCE.

CODE INFORMATION - CURRENT CODES

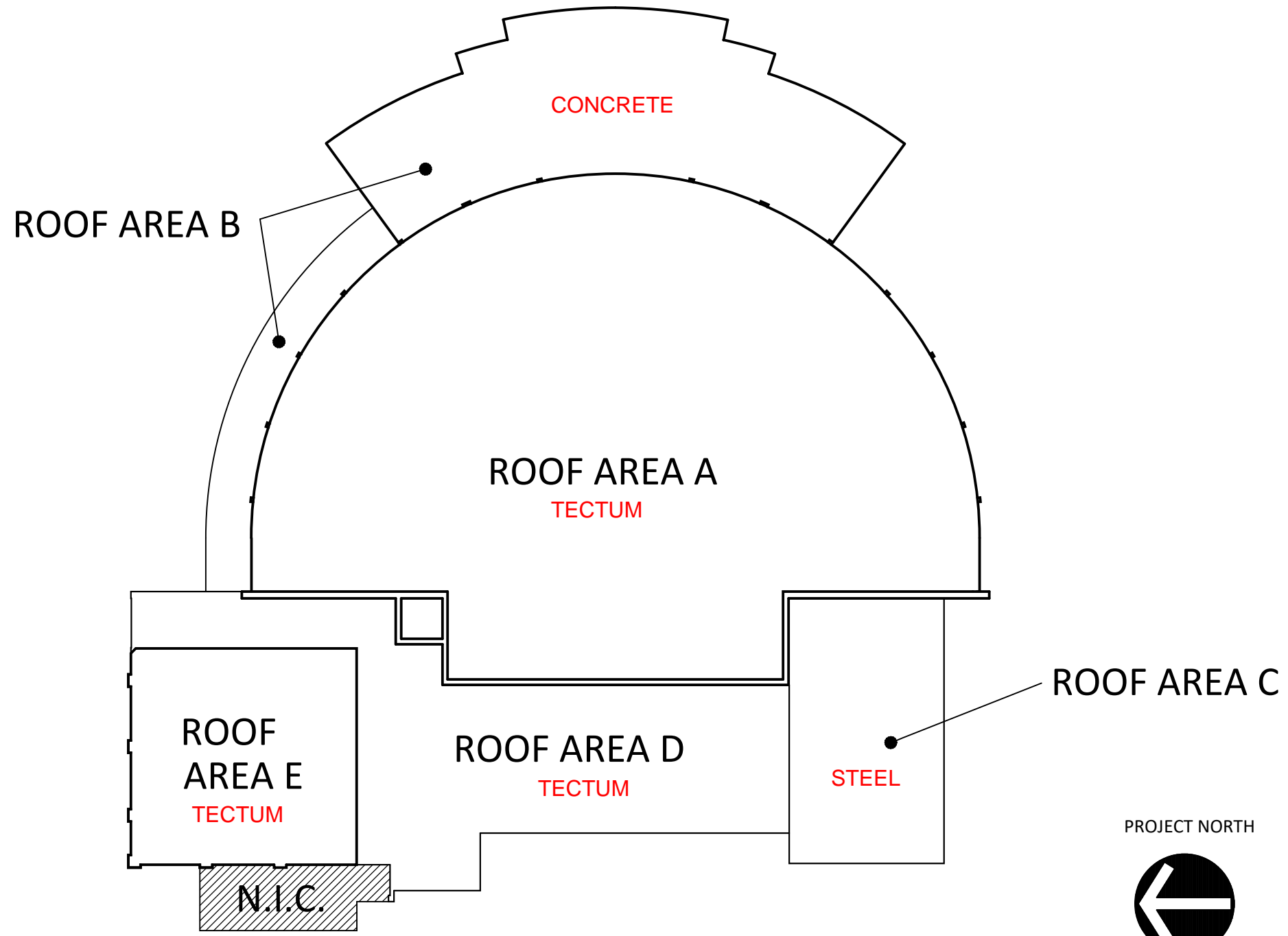
2021 International Building Code *	2021 International Residential Code *
2021 International Mechanical Code *	2021 International Existing Building Code *
2021 International Plumbing Code *	2017 Accessible and Usable Buildings and Facilities (ICC A117.1-2017) *
2021 International Energy Conservation Code *	2020 National Electrical Code (NFPA 70) *
2019 Installation of Sprinkler Systems (NFPA 13)	2021 International Fire Code *
2021 Life Safety Code (NFPA 101) *	2021 International Swimming Pool & Spa Code *
2021 Fire Code (NFPA 1) *	


* With Connecticut Amendments and General Statute requirements

EXISTING BUILDING INFORMATION

Date of Original Construction	1968	Renovations	1995 - Re-Roofing 2013 - Cooling Tower Roof
1. GROUP CLASSIFICATION (Primary)		A-1, ASSEMBLY	
2. CONSTRUCTION TYPE		2B	
Actual Type Provided		None	
3. WORK AREA (WORK AREA) Existing Roof Area to be Replaced		33,037 s.f.	
4. FIRE-RESISTANCE RATED REQUIREMENTS FOR BUILDING ELEMENTS (Table 601)		2B	
Primary structural frame		0	Hr(s)
Bearing walls: Exterior		0	Hr(s) See Table 602
Interior		0	Hr(s)
Nonbearing walls and partitions (Exterior)		0	Hr(s) See Table 602
Nonbearing walls and partitions (Interior)		0	Hr(s)
Floor Construction and associated secondary members		0	Hr(s)
Roof Construction and associated secondary members		0	Hr(s)
5. SPRINKLER PROTECTION	X	Provided	Refer to Table 601 for all footnotes

drawing title		REFERENCE SHEET / CODE INFORMATION		STATE OF CONNECTICUT	
				DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal		REVISIONS		drawing prepared by	date
		mark	date	FRIAR ARCHITECTURE INC.	2.16.2023
				21 TALCOTT NOTCH ROAD	scale
				FARMINGTON, CONNECTICUT 06032	NOT TO SCALE
				project	drawn by
				LYMAN CENTER	PEH
				BID PACKAGE 2 - ROOF /	approved by
				INTERIOR RENOVATIONS	RWR
				Southern Connecticut State University	drawing no.
				NEW HAVEN, CT 06515	
				CAD no.	project no.
					BI-RS-357-BP2
					R0.1



DATE: 23/21/23 REV:	
ROOF AREAS	LYMAN CENETR
PROJECT NO. SCSU-2022-04 ROOF REPLACEMENT - 2023 LYMAN CENTER SOUTHERN CT STATE UNIVERSITY NEW HAVEN, CT 06515	
 21 Talcott Notch Road Farmington, CT 06032	
SHEET NO. Key Plan	

ROOF AREAS - AREA A, AREA D & AREA E


[Help](#) · [Support](#) · [Training](#)
[My Profile](#) · [Reset Password](#)
[Logout](#)


[MY PROJECTS](#)
[PRODUCT SEARCH](#)
[SYSTEM SEARCH](#)
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Assembly Properties

Date printed: Apr 03, 2020

Assembly #: 434782-0-0	Slope: 0.5000
Roof System: Single-Ply System	Wind Uplift*: 90
Application: Re-Roof	Internal Fire: 1
Cover Securement: Adhered	Exterior Fire: A
Deck Type: Existing Roof	Hail: SH
Assembly limited to use with noncombustible walls only: No	

* FM Approved roofs must also have corner (Zone 3) and perimeter (Zone 2) enhancements and FM Approved perimeter flashing. For details, see DS 1-29 and 1-49. For Standing/Lap Seam roofs, see DS 1 - 31.

Assembly Details

IMPORTANT: You must select a cover in order to select the cover securements. Note that all securements may not be approved with all covers.

1. Coating/Surfacing		optional
<input type="radio"/> Firestone Building Products Co, LLC AcryliTop PC-100 Coat <input type="radio"/> None		
2. Cover (Single-ply)		
<input type="radio"/> Firestone Building Products Co, LLC RubberGard LS-FR <input type="radio"/> Firestone Building Products Co, LLC RubberGard LS-FR PT <input type="radio"/> Firestone Building Products Co, LLC RubberGard Platinum <input type="radio"/> Firestone Building Products Co, LLC RubberGard Platinum PT <input type="radio"/> GenFlex Roofing Systems LLC GenFlex AFR <input type="radio"/> GenFlex Roofing Systems LLC GenFlex AFR EPDM 90 mil <input type="radio"/> GenFlex Roofing Systems LLC GenFlex AFR PT <input type="radio"/> ProLink Roofing Systems GK-045 <input type="radio"/> ProLink Roofing Systems GK-060 <input type="radio"/> ProLink Roofing Systems GK-090		
Securement (Sheet Lap)		
<input type="radio"/> Ashland Pliobond 9053 <input type="radio"/> Firestone Building Products Co, LLC QuickSeam Splice Tape <input type="radio"/> Firestone Building Products Co, LLC RubberGard SA-1065 Splice Adhesive <input type="radio"/> Generic self adhered <input type="radio"/> GenFlex Roofing Systems LLC GenFlex Seam Tape <input type="radio"/> GenFlex Roofing Systems LLC GenSplice		

3. Securement (Cover) from 2. Cover (Single-ply) to 4. Insulation (Board Stock)

- | | |
|---|---------------------------------------|
| <input type="radio"/> Firestone Building Products Co, LLC | BA-2004 (T) Bonding Adhesive |
| <input type="radio"/> Firestone Building Products Co, LLC | RubberGard BA-2004 |
| <input type="radio"/> Firestone Building Products Co, LLC | Single-Ply LVOC Bonding Adhesive |
| <input type="radio"/> Firestone Building Products Co, LLC | Single-Ply LVOC Bonding Adhesive 1168 |
| <input type="radio"/> Firestone Building Products Co, LLC | Water Based Bonding Adhesive P |
| <input type="radio"/> Firestone Building Products Co, LLC | Water Based Bonding Adhesive S |
| <input type="radio"/> GenFlex Roofing Systems LLC | EPDM Bonding Adhesive LVOC-1168 |
| <input type="radio"/> GenFlex Roofing Systems LLC | EZ TPO Bonding Adhesive LVOC |
| <input type="radio"/> GenFlex Roofing Systems LLC | EZ TPO Bonding Adhesive LVOC-1168 |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex EPDM Bonding Adhesive |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex EPDM Bonding Adhesive (X) |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex EPDM Bonding Adhesive LVOC |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex Water Based Bonding Adhesive |
| <input type="radio"/> GenFlex Roofing Systems LLC | Water Based Bonding Adhesive (P) |

4. Insulation (Board Stock)

- | | |
|--|------------------------------|
| <input type="radio"/> Atlas Roofing Corp | ACFoam-II SL |
| <input type="radio"/> Firestone Building Products Co, LLC | ISO 95+ GL |
| <input type="radio"/> Firestone Building Products Co, LLC | ISO 95+ GL (tapered) |
| <input type="radio"/> Firestone Building Products Co, LLC | ISO 95+ GL NH |
| <input type="radio"/> Firestone Building Products Co, LLC | RESISTA |
| <input type="radio"/> Firestone Building Products Co, LLC | RESISTA (tapered) |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex ISO Insulation |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ENRGY 3 |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ENRGY 3 25 PSI |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ENRGY 3 25 PSI AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ENRGY 3 25 PSI CGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ENRGY 3 AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ENRGY 3 CGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | R-Panel |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | R-Panel 25 PSI |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ENRGY 3 |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ENRGY 3 25 PSI AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ENRGY 3 25 PSI CGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ENRGY 3 AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ENRGY 3 CGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered R-Panel |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ValuTherm |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ValuTherm 25 PSI AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ValuTherm 25 PSI CGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ValuTherm AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | Tapered ValuTherm CGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ValuTherm |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ValuTherm 25 PSI |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ValuTherm 25 PSI AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ValuTherm 25 PSI CGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ValuTherm AGF |
| <input type="radio"/> Johns Manville Corp, Roofing Systems Group | ValuTherm CGF |

5. Securement (Board Stock) from 4. Insulation (Board Stock) to 6. Existing Roof

Comments:
Min. 2 in. (50 mm) embedment

<input type="radio"/>	OMG	GTL
	SSSP14971	
<input type="radio"/>	OMG	Lite-Deck Plate
	OMG	Lite-Deck
	SSSP14980	
<input type="radio"/>	Firestone Building Products Co, LLC	Firestone Polymer Fastener Insulation Plate
	Firestone Building Products Co, LLC	Firestone Polymer
	SSSP16047	
<input type="radio"/>	OMG	3 in. Polymer Gyptec Insulation Plate
	OMG	Polymer Gyptec Fastener
	SSSP20946	
<input type="radio"/>	OMG	Polymer Gyptec Metal Plate
	OMG	Polymer Gyptec Fastener
	SSSP25292	
<input type="radio"/>	Carlisle SynTec Inc	Gyptec Plates - 3"
	Carlisle SynTec Inc	Gyptec Fastener
	SSSP25293	
<input type="radio"/>	Carlisle SynTec Inc	Gyptec Plates - 2"
	Carlisle SynTec Inc	Gyptec Fastener
	SSSP25294	
<input type="radio"/>	Carlisle SynTec Inc	Lite-Deck Plate
	Carlisle SynTec Inc	Lite-Deck Fastener
	SSSP25306	
<input type="radio"/>	Versico LLC	Gyptec Plates - 3"
	Versico LLC	Gyptec fastener
	SSSP25307	
<input type="radio"/>	Versico LLC	Gyptec Plates - 2"
	Versico LLC	Gyptec fastener
	SSSP25308	
<input type="radio"/>	Versico LLC	HP Lite Deck Plate
	Versico LLC	HP Lite Deck Fastener
	SSSP25341	
<input type="radio"/>	Johns Manville Corp, Roofing Systems Group	Lite Deck Plate
	Johns Manville Corp, Roofing Systems Group	Lite Deck Fastener

6. Existing Roof**7. Structure**

ROOF AREA B


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Assembly Properties

Date printed: Mar 04, 2020

Assembly #: 290800-0-0	Slope: 0.2500
Roof System: Single-Ply System	Wind Uplift*: 180
Application: New Roof	Internal Fire: NC
Cover Securement: Adhered	Exterior Fire: A
Deck Type: Structural Concrete	Hail: SH
Assembly limited to use with noncombustible walls only: No	

* FM Approved roofs must also have corner (Zone 3) and perimeter (Zone 2) enhancements and FM Approved perimeter flashing. For details, see DS 1-29 and 1-49. For Standing/Lap Seam roofs, see DS 1 - 31.

Assembly Details

IMPORTANT: You must select a cover in order to select the cover securements. Note that all securements may not be approved with all covers.

1. Coating/Surfacing		optional																																		
<input type="radio"/> Firestone Building Products Co, LLC AcryliTop PC-100 Coat <input type="radio"/> None																																				
2. Cover (Single-ply)																																				
Comments: After mating the roof cover to the coverboard, the top surface of the roof cover is broomed to ensure contact.																																				
<table border="0"> <tbody> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard LS-FR</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard LS-FR PT</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard MAX</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard MAX FR</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard MAX PT</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard Platinum</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard Platinum PT</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>Standard Reinforced RubberGard</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenFlex AFR</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenFlex AFR EPDM 90 mil</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenFlex AFR PT</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenFlex II FRM</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenFlex II FRM PT</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenFlex II FRM-FR</td></tr> <tr><td><input type="radio"/> ProLink Roofing Systems</td><td>GK-045</td></tr> <tr><td><input type="radio"/> ProLink Roofing Systems</td><td>GK-060</td></tr> <tr><td><input type="radio"/> ProLink Roofing Systems</td><td>GK-090</td></tr> </tbody> </table>			<input type="radio"/> Firestone Building Products Co, LLC	RubberGard LS-FR	<input type="radio"/> Firestone Building Products Co, LLC	RubberGard LS-FR PT	<input type="radio"/> Firestone Building Products Co, LLC	RubberGard MAX	<input type="radio"/> Firestone Building Products Co, LLC	RubberGard MAX FR	<input type="radio"/> Firestone Building Products Co, LLC	RubberGard MAX PT	<input type="radio"/> Firestone Building Products Co, LLC	RubberGard Platinum	<input type="radio"/> Firestone Building Products Co, LLC	RubberGard Platinum PT	<input type="radio"/> Firestone Building Products Co, LLC	Standard Reinforced RubberGard	<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex AFR	<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex AFR EPDM 90 mil	<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex AFR PT	<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex II FRM	<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex II FRM PT	<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex II FRM-FR	<input type="radio"/> ProLink Roofing Systems	GK-045	<input type="radio"/> ProLink Roofing Systems	GK-060	<input type="radio"/> ProLink Roofing Systems	GK-090
<input type="radio"/> Firestone Building Products Co, LLC	RubberGard LS-FR																																			
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<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex AFR PT																																			
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<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex II FRM-FR																																			
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Securement (Sheet Lap)																																				
<table border="0"> <tbody> <tr><td><input type="radio"/> Ashland</td><td>Pliobond 9053</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>QuickSeam Splice Tape</td></tr> <tr><td><input type="radio"/> Firestone Building Products Co, LLC</td><td>RubberGard SA-1065 Splice Adhesive</td></tr> <tr><td><input type="radio"/> Generic</td><td>self adhered</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenFlex Seam Tape</td></tr> <tr><td><input type="radio"/> GenFlex Roofing Systems LLC</td><td>GenSplice</td></tr> </tbody> </table>			<input type="radio"/> Ashland	Pliobond 9053	<input type="radio"/> Firestone Building Products Co, LLC	QuickSeam Splice Tape	<input type="radio"/> Firestone Building Products Co, LLC	RubberGard SA-1065 Splice Adhesive	<input type="radio"/> Generic	self adhered	<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex Seam Tape	<input type="radio"/> GenFlex Roofing Systems LLC	GenSplice																						
<input type="radio"/> Ashland	Pliobond 9053																																			
<input type="radio"/> Firestone Building Products Co, LLC	QuickSeam Splice Tape																																			
<input type="radio"/> Firestone Building Products Co, LLC	RubberGard SA-1065 Splice Adhesive																																			
<input type="radio"/> Generic	self adhered																																			
<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex Seam Tape																																			
<input type="radio"/> GenFlex Roofing Systems LLC	GenSplice																																			

3. Securement (Cover) from 2. Cover (Single-ply) to 4. Cover Board

- | | |
|---|---------------------------------------|
| <input type="radio"/> Firestone Building Products Co, LLC | BA-2004 (T) Bonding Adhesive |
| <input type="radio"/> Firestone Building Products Co, LLC | EPDM Solvent Free Bonding Adhesive |
| <input type="radio"/> Firestone Building Products Co, LLC | RubberGard BA-2004 |
| <input type="radio"/> Firestone Building Products Co, LLC | Single-Ply LVOC Bonding Adhesive |
| <input type="radio"/> Firestone Building Products Co, LLC | Single-Ply LVOC Bonding Adhesive 1168 |
| <input type="radio"/> GenFlex Roofing Systems LLC | EPDM Bonding Adhesive LVOC-1168 |
| <input type="radio"/> GenFlex Roofing Systems LLC | EPDM Solvent Free Bonding Adhesive |
| <input type="radio"/> GenFlex Roofing Systems LLC | EZ TPO Bonding Adhesive LVOC |
| <input type="radio"/> GenFlex Roofing Systems LLC | EZ TPO Bonding Adhesive LVOC-1168 |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex EPDM Bonding Adhesive |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex EPDM Bonding Adhesive (X) |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex EPDM Bonding Adhesive LVOC |

4. Cover Board

- | | |
|---|----------------------|
| <input type="radio"/> Firestone Building Products Co, LLC | ISOGARD HD |
| <input type="radio"/> Firestone Building Products Co, LLC | ISOGARD HD Composite |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex HD ISO |

5. Securement (Board Stock) from 4. Cover Board to 6. Insulation (Board Stock)

- | | |
|---|---|
| <input type="radio"/> Firestone Building Products Co, LLC | I.S.O. Fix II Adhesive |
| <input type="radio"/> Firestone Building Products Co, LLC | I.S.O. Spray R |
| <input type="radio"/> Firestone Building Products Co, LLC | I.S.O. Twin Pack Insulation Adhesive |
| <input type="radio"/> Firestone Building Products Co, LLC | I.S.O.Stick |
| <input type="radio"/> Firestone Building Products Co, LLC | Twin Jet |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex ISO Bond Insulation Adhesive |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex One Step Insulation Adhesive |
| <input type="radio"/> GenFlex Roofing Systems LLC | Quick Dual |
| <input type="radio"/> HB Fuller Company | Millennium PG-1 Pump Grade Adhesive |
| <input type="radio"/> Lexsuo 2010 Corporation | Lexcor Insultac II Pump Grade Insulation Adhesive |

6. Insulation (Board Stock)

- | | |
|---|------------------------|
| <input type="radio"/> Firestone Building Products Co, LLC | ISO 95+ GL |
| <input type="radio"/> Firestone Building Products Co, LLC | ISO 95+ GL (tapered) |
| <input type="radio"/> Firestone Building Products Co, LLC | ISO 95+ GL NH |
| <input type="radio"/> GenFlex Roofing Systems LLC | GenFlex ISO Insulation |

7. Securement (Board Stock) from 6. Insulation (Board Stock) to 9. (Deck) Structural Concrete

Comments:

Applied at a rate of 32 fasteners per 4x8 ft.(1.2x2.4m) board (1fastener per 1.0 ft./sq. [0.09 m/sq.]).

SSSP14880

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | Firestone Building Products Co, LLC | Concrete Drive |

SSSP15910

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | Firestone Building Products Co, LLC | Firestone Heavy-Duty |

SSSP19870

- | | | |
|-----------------------|-----------------------------|-----------------------------------|
| <input type="radio"/> | GenFlex Roofing Systems LLC | GenFast Concrete Drive |
| | GenFlex Roofing Systems LLC | GenFast 3" Round Insulation Plate |

SSSP23974

- | | | |
|-----------------------|-----------------------------|-----------------------------------|
| <input type="radio"/> | GenFlex Roofing Systems LLC | GenFast 3" Round Insulation Plate |
| | GenFlex Roofing Systems LLC | Heavy-Duty |

SSSP27661

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | HD (#15) AccuTrac Fastener |
| | Firestone Building Products Co, LLC | AccuTrac Plate |

SSSP27662

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | HD (#15) AccuTrac Fastener |
| | Firestone Building Products Co, LLC | Accutrac Flat Bottom |

8. Vapor Retarder		optional
SSVR26274		
<input type="radio"/>	Firestone Building Products Co, LLC	V-Force
	Generic	self adhered
	Firestone Building Products Co, LLC	V-Force SB Primer
SSVR26275		
<input type="radio"/>	Firestone Building Products Co, LLC	V-Force
	Generic	self adhered
	Firestone Building Products Co, LLC	SA-Solvent Based (SB) Primer
SSVR26276		
<input type="radio"/>	Firestone Building Products Co, LLC	V-Force
	Generic	self adhered
	Firestone Building Products Co, LLC	SA-LVOC Primer
SSVR26280		
<input type="radio"/>	Firestone Building Products Co, LLC	SBS Torch
	Generic	torched
<input type="radio"/>	None	
9. (Deck) Structural Concrete		
10. Structure		

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4.1.20059.3

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Assembly Properties

Date printed: Mar 04, 2020

Assembly #: 126884-0-0	Slope: 3.0000
Roof System: Single-Ply System	Wind Uplift*: 90
Application: New Roof	Internal Fire: 1
Cover Securement: Adhered	Exterior Fire: A
Deck Type: Steel	Hail: SH
Assembly limited to use with noncombustible walls only: No	

* FM Approved roofs must also have corner (Zone 3) and perimeter (Zone 2) enhancements and FM Approved perimeter flashing. For details, see DS 1-29 and 1-49. For Standing/Lap Seam roofs, see DS 1 - 31.

Assembly Details

IMPORTANT: You must select a cover in order to select the cover securements. Note that all securements may not be approved with all covers.

1. Coating/Surfacing		optional
<input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> None	AcryliTop PC-100 Coat	
2. Cover (Single-ply)		
<input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> ProLink Roofing Systems	RubberGard Platinum RubberGard Platinum PT GenFlex AFR EPDM 90 mil GK-090	
Securement (Sheet Lap)		
<input type="radio"/> Ashland <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Generic <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC	Pliobond 9053 QuickSeam Splice Tape RubberGard SA-1065 Splice Adhesive self adhered GenFlex Seam Tape GenSplice	
3. Securement (Cover) from 2. Cover (Single-ply) to 4. Cover Board		
<input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC	BA-2004 (T) Bonding Adhesive RubberGard BA-2004 Single-Ply LVOC Bonding Adhesive Single-Ply LVOC Bonding Adhesive 1168 Water Based Bonding Adhesive P Water Based Bonding Adhesive S EPDM Bonding Adhesive LVOC-1168 EZ TPO Bonding Adhesive LVOC EZ TPO Bonding Adhesive LVOC-1168 GenFlex EPDM Bonding Adhesive GenFlex EPDM Bonding Adhesive (X) GenFlex EPDM Bonding Adhesive LVOC GenFlex Water Based Bonding Adhesive Water Based Bonding Adhesive (P)	

4. Cover Board

Comments:

48x96 in. (1220x2440 mm) minimum board size.

- | | |
|--|----------------------------------|
| <input type="radio"/> Georgia-Pacific Gypsum LLC | DensDeck |
| <input type="radio"/> United States Gypsum Company | SECUROCK Gypsum-Fiber Roof Board |

5. Securement (Board Stock) from 4. Cover Board to 8. (Deck) Steel

- | | |
|---|--|
| <input type="radio"/> Altenloh, Brinck & Co., U.S., Inc. | Trufast 3" Pre-Assembled Insulation Plate |
| <input type="radio"/> Firestone Building Products Co, LLC | Firestone Pre-Assembled Fastener and Plate |
| <input type="radio"/> Lexsuco 2010 Corporation | Lexgrip #12 Pre-Assembled Screws (Phillips Head) |
| <input type="radio"/> OMG | #12 Accutrac Fastening System |
| <input type="radio"/> OMG | #12 Accutrac Flat Bottom Fastening System |
| <input type="radio"/> OMG | #14 Accutrac Fastening System |
| <input type="radio"/> OMG | #14 Accutrac Flat Bottom Fastening System |
| <input type="radio"/> OMG | #14 HD Accutrac Fastening System |
| <input type="radio"/> OMG | #14 HD Accutrac Flat Bottom Fastening System |
| <input type="radio"/> OMG | #15 Accutrac Flat Bottom Fastening System |
| <input type="radio"/> OMG | Hextra Plus Pre-Assembled System |
| <input type="radio"/> OMG | Pre-Assembled Roofgrip Round Flat Insulation Plate |
| <input type="radio"/> OMG | Pre-Assembled Universal Recessed Insulation Plate |
| <input type="radio"/> OMG | Roofgrip Plus Pre-Assembled System |
| <input type="radio"/> OMG | XHD Accutrac Fastening System |
| <input type="radio"/> OMG | XHD Accutrac Flat Bottom Fastening System |

SSSP14480

- | | |
|---------------------------|----------------------|
| <input type="radio"/> OMG | Recessed Metal Plate |
| OMG | #15 Roofgrip |

SSSP14524

- | | |
|---------------------------|----------------|
| <input type="radio"/> OMG | AccuTrac Plate |
| OMG | #12 Roofgrip |

SSSP14525

- | | |
|--|---------------------|
| <input type="radio"/> SFS Group USA, Inc | Dekfast PLT-H-2-7/8 |
| SFS Group USA, Inc | Dekfast DF-#14-PH3 |

SSSP14537

- | | |
|---------------------------|--------------------|
| <input type="radio"/> OMG | OMG G-2 |
| OMG | OMG #14 Heavy Duty |

SSSP14547

- | | |
|---------------------------|------------------|
| <input type="radio"/> OMG | OMG LGP |
| OMG | OMG #12 Standard |

SSSP14572

- | | |
|---------------------------------|--------------------|
| <input type="radio"/> SFS Intec | IF-70x70 |
| SFS Group USA, Inc | Dekfast DF-#12-PH3 |

SSSP14615

- | | |
|---------------------------|----------------|
| <input type="radio"/> OMG | AccuTrac Plate |
| OMG | #14 Roofgrip |

SSSP14636

- | | |
|---------------------------|------------------------------|
| <input type="radio"/> OMG | 3 in. Ribbed Galvalume Plate |
| OMG | AccuTrac Hextra |

SSSP14640

- | | |
|--|---------------------|
| <input type="radio"/> SFS Group USA, Inc | Dekfast PLT-H-2-7/8 |
| SFS Group USA, Inc | Dekfast DF-#12-PH3 |

SSSP14647

- | | |
|---------------------------|--------------------|
| <input type="radio"/> OMG | OMG LGP |
| OMG | OMG #14 Heavy Duty |

SSSP14696

- | | |
|--|---|
| <input type="radio"/> Triangle Fastener Corp | Triangle Sentry Plus Five 3 in. Round Galvalume Plate |
| Triangle Fastener Corp | Triangle Sentry Plus Five SS Fastener (Stainless Steel) |

SSSP14714

- | | |
|--|------------------------|
| <input type="radio"/> SFS Group USA, Inc | Dekfast PLT-HR-2-7/8-B |
| SFS Group USA, Inc | Dekfast DF-#12-PH3 |

SSSP14717

- | | |
|---------------------------|-----------------|
| <input type="radio"/> OMG | AccuTrac Plate |
| OMG | AccuTrac Hextra |

- | | |
|---------------------------------|--|
| <input type="radio"/> SSSP14722 | |
|---------------------------------|--|

	OMG	Recessed Metal Plate
	OMG	#12 Roofgrip
	SSSP14752	
<input type="radio"/>	OMG	OMG G-2
	OMG	Iron-Lok Toggle
	SSSP14757	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	#14 Roofgrip
	SSSP14790	
<input type="radio"/>	OMG	Recessed Metal Plate
	OMG	#14 Roofgrip
	SSSP14812	
<input type="radio"/>	SFS Group USA, Inc	isofast PLT-S-2-3/4x2-3/4
	SFS Group USA, Inc	isofast DF-#12-PH3-BL
	SSSP14829	
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Recessed Galvalume Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five SS Fastener (Stainless Steel)
	SSSP14837	
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Galvalume Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #15 DPP Fastener
	SSSP14860	
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-HR-2-7/8-B
	SFS Group USA, Inc	Dekfast DF-#14-PH3
	SSSP14861	
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	OMG #10
	SSSP14871	
<input type="radio"/>	OMG	OMG G-2
	OMG	OMG #12 Standard
	SSSP14880	
<input type="radio"/>	Firestone Building Products Co, LLC	Insulation Fastening Plate
	Firestone Building Products Co, LLC	Concrete Drive
	SSSP14886	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	#12 Roofgrip
	SSSP14947	
<input type="radio"/>	Altenloh, Brinck & Co., U.S., Inc.	Trufast 3" Recessed Metal Insulation Plate
	Altenloh, Brinck & Co., U.S., Inc.	Trufast #12 DPH
	SSSP14964	
<input type="radio"/>	OMG	Flat Bottom Metal Plate
	OMG	#15 Roofgrip
	SSSP14968	
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-R-3
	SFS Group USA, Inc	Dekfast DF-#15-PH3
	SSSP14973	
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	OMG #12 Standard
	SSSP14981	
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	#12 Roofgrip
	SSSP14992	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	Hex Head Heavy Duty
<input type="radio"/>	SSSP15005	
	Triangle Fastener Corp	Triangle Sentry Plus Five #12 DPP Fastener
	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Recessed Galvalume Plate

SSSP15014		
<input type="radio"/>	OMG	AccuTrac Plate
	OMG	OMG #14 Heavy Duty
SSSP15049		
<input type="radio"/>	OMG	OMG G-2
	OMG	OMG HeadLok GM
SSSP15064		
<input type="radio"/>	Altenloh, Brinck & Co., U.S., Inc.	Trufast 3" Metal Insulation Plate
	Altenloh, Brinck & Co., U.S., Inc.	Trufast #12 DP
SSSP15081		
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	#14 Roofgrip
SSSP15088		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	OMG #14 Heavy Duty
SSSP15107		
<input type="radio"/>	OMG	Universal Round Recessed Insulation Plate
	OMG	#12 Roofgrip
SSSP15112		
<input type="radio"/>	OMG	OMG G-2
	OMG	Strap Toggle
SSSP15127		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	#14 Roofgrip
SSSP15159		
<input type="radio"/>	OMG	Flat Bottom Metal Plate
	OMG	#12 Roofgrip
SSSP15176		
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	AccuTrac Hextra
SSSP15178		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	Strap Toggle
SSSP15208		
<input type="radio"/>	OMG	AccuTrac Plate
	OMG	OMG XHD screw
SSSP15247		
<input type="radio"/>	OMG	Flat Bottom Metal Plate
	OMG	#14 Roofgrip
SSSP15254		
<input type="radio"/>	OMG	Universal Round Recessed Insulation Plate
	OMG	AccuTrac Hextra
SSSP15259		
<input type="radio"/>	OMG	Recessed Metal Plate
	OMG	#14 Roofgrip Drill Point
SSSP15276		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	Iron-Lok Toggle
SSSP15312		
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-R-3
	SFS Group USA, Inc	Dekfast DF-#12-PH3
SSSP15314		
<input type="radio"/>	OMG	AccuTrac Plate
	OMG	OMG #12 Standard
<input type="radio"/>	SSSP15320	

	OMG	Roofgrip Round Flat Insulation Plate
	OMG	OMG #14 Heavy Duty
	SSSP15371	
<input type="radio"/>	OMG	Accutrac Flat Bottom
	OMG	OMG #12 Standard
	SSSP15401	
<input type="radio"/>	OMG	Universal Round Recessed Insulation Plate
	OMG	OMG XHD screw
	SSSP15412	
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five XPP Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #14 XPP Fastener
	SSSP15415	
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	#12 Roofgrip
	SSSP15449	
<input type="radio"/>	OMG	Accutrac Flat Bottom
	OMG	OMG #14 Heavy Duty
	SSSP15479	
<input type="radio"/>	OMG	Accutrac Flat Bottom
	OMG	#14 Roofgrip Drill Point
	SSSP15528	
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-P-R-3
	SFS Group USA, Inc	Dekfast DF-#14-PH3
	SSSP15573	
<input type="radio"/>	OMG	Universal Round Recessed Insulation Plate
	OMG	#14 Roofgrip
	SSSP15580	
<input type="radio"/>	Altenloh, Brinck & Co., U.S., Inc.	Trufast 3" Metal Insulation Plate
	Altenloh, Brinck & Co., U.S., Inc.	Trufast #14 HD
	SSSP15584	
<input type="radio"/>	Firestone Building Products Co, LLC	Insulation Fastening Plate
	Firestone Building Products Co, LLC	Firestone All-Purpose
	SSSP15590	
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-R-3
	SFS Group USA, Inc	Dekfast DF-S4-#14-PH3
	SSSP15605	
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five XPH Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #12 XPP Fastener
	SSSP15612	
<input type="radio"/>	OMG	Accutrac Flat Bottom
	OMG	#15 Roofgrip
	SSSP15618	
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Galvalume Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #12 DPH Fastener
	SSSP15620	
<input type="radio"/>	OMG	Flat Insulation plate
	OMG	#14 Roofgrip Drill Point
	SSSP15635	
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	OMG #12 Standard
	SSSP15652	
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-P-R-3
	SFS Group USA, Inc	Dekfast DF-#12-PH3
<input type="radio"/>	SSSP15658	
	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	AccuTrac Hextra

SSSP15660		
<input type="radio"/>	OMG	OMG G-2
	OMG	Hex Head Heavy Duty
SSSP15666		
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-R-3
	SFS Group USA, Inc	Dekfast DF-#14-PH3
SSSP15696		
<input type="radio"/>	OMG	Flat Bottom Metal Plate
	OMG	#14 Roofgrip Drill Point
SSSP15700		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	OMG HeadLok GM
SSSP15704		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	OMG Stainless #12 Standard
SSSP15737		
<input type="radio"/>	OMG	Accutrac Flat Bottom
	OMG	OMG XHD screw
SSSP15740		
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	OMG XHD screw
SSSP15741		
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Recessed Galvalume Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #12 DPH Fastener
SSSP15743		
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five XPP Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #12 XPP Fastener
SSSP15747		
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five XPH Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #14 XPP Fastener
SSSP15749		
<input type="radio"/>	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Galvalume Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #12 DPP Fastener
SSSP15767		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	Hex Head Heavy Duty
SSSP15782		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	OMG #12 Standard
SSSP15790		
<input type="radio"/>	OMG	OMG G-2
	OMG	OMG Stainless #12 Standard
SSSP15791		
<input type="radio"/>	OMG	Recessed Metal Plate
	OMG	AccuTrac Hextra
SSSP15839		
<input type="radio"/>	OMG	Accutrac Flat Bottom
	OMG	#12 Roofgrip
SSSP15843		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	OMG XHD screw
SSSP15860		
<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-H-2-7/8
	SFS Group USA, Inc	Dekfast DF-#15-PH3
<input type="radio"/>	SSSP15869	

	Triangle Fastener Corp	Triangle Sentry Plus Five XPH Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #12 XPH Fastener
	SSSP15871	
○	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Galvalume Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #14 DPP Fastener
	SSSP15901	
○	SFS Group USA, Inc	Dekfast PLT-HR-2-7/8-B
	SFS Group USA, Inc	Dekfast DF-#12-HW1/4
	SSSP15910	
○	Firestone Building Products Co, LLC	Insulation Fastening Plate
	Firestone Building Products Co, LLC	Firestone Heavy-Duty
	SSSP15924	
○	OMG	Flat Insulation plate
	OMG	#12 Roofgrip
	SSSP15949	
○	OMG	Accutrak Flat Bottom
	OMG	#14 Roofgrip
	SSSP15965	
○	Triangle Fastener Corp	Triangle Sentry Plus Five 3 in. Round Recessed Galvalume Plate
	Triangle Fastener Corp	Triangle Sentry Plus Five #14 DPP Fastener
	SSSP16009	
○	OMG	OMG G-2
	OMG	OMG #10
	SSSP16034	
○	Altenloh, Brinck & Co., U.S., Inc.	Trufast 3" Metal Insulation Plate
	Altenloh, Brinck & Co., U.S., Inc.	Trufast #14 Stainless Steel HD
	SSSP16037	
○	OMG	Flat Insulation plate
	OMG	#14 Roofgrip
	SSSP16090	
○	OMG	3 in. Ribbed Galvalume Plate
	OMG	OMG #14 Heavy Duty
	SSSP16112	
○	OMG	Flat Insulation plate
	OMG	#15 Roofgrip
	SSSP16119	
○	SFS Group USA, Inc	Dekfast PLT-P-R-3
	SFS Group USA, Inc	Dekfast DF-#15-PH3
	SSSP16617	
○	OMG	75mm Steel Ribbed Plate
	OMG	AccuTrac Hextra
	SSSP16618	
○	OMG	75mm Steel Ribbed Plate
	OMG	#14 Roofgrip
	SSSP16619	
○	OMG	75mm Steel Ribbed Plate
	OMG	#12 Roofgrip
	SSSP16620	
○	OMG	75mm Steel Ribbed Plate
	OMG	Hex Head Heavy Duty
	SSSP16626	
○	OMG	75mm Steel Ribbed Plate
	OMG	OMG Stainless #12 Standard
○	SSSP16627	
	OMG	75mm Steel Ribbed Plate
	OMG	OMG #12 Standard

SSSP16628		
<input type="radio"/>	OMG	75mm Steel Ribbed Plate
	OMG	OMG XHD screw
SSSP16630		
<input type="radio"/>	OMG	75mm Steel Ribbed Plate
	OMG	OMG #14 Heavy Duty
SSSP16634		
<input type="radio"/>	OMG	75mm Steel Ribbed Plate
	OMG	Standard Screw RS
SSSP16745		
<input type="radio"/>	OMG	75mm Steel Ribbed Plate
	OMG	#12 Standard Hex Head
SSSP16746		
<input type="radio"/>	OMG	75mm Steel Ribbed Plate
	OMG	#12 Standard Roofgrip
SSSP16747		
<input type="radio"/>	OMG	75mm Steel Ribbed Plate
	OMG	#12 Stainless Standard Fastener
SSSP16748		
<input type="radio"/>	OMG	OMG LGP
	OMG	#12 Standard Roofgrip
SSSP16753		
<input type="radio"/>	OMG	OMG G-2
	OMG	#12 Standard Roofgrip
SSSP16754		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	#12 Standard Roofgrip
SSSP16757		
<input type="radio"/>	OMG	AccuTrac Plate
	OMG	#12 Standard Roofgrip
SSSP16758		
<input type="radio"/>	OMG	Universal Round Recessed Insulation Plate
	OMG	#12 Standard Roofgrip
SSSP16761		
<input type="radio"/>	OMG	Accutrak Flat Bottom
	OMG	#12 Standard Roofgrip
SSSP16765		
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	#12 Standard Roofgrip
SSSP16768		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	#12 Standard Roofgrip
SSSP16771		
<input type="radio"/>	OMG	Recessed Metal Plate
	OMG	#12 Standard Roofgrip
SSSP16772		
<input type="radio"/>	OMG	Flat Bottom Metal Plate
	OMG	#12 Standard Roofgrip
SSSP16775		
<input type="radio"/>	OMG	Flat Insulation plate
	OMG	#12 Standard Roofgrip
SSSP16777		
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	#12 Standard Hex Head
<input type="radio"/>	SSSP16778	

	OMG	Universal Round Recessed Insulation Plate
	OMG	#12 Standard Hex Head
	SSSP16779	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	#12 Standard Hex Head
	SSSP16781	
<input type="radio"/>	OMG	OMG G-2
	OMG	#12 Standard Hex Head
	SSSP16784	
<input type="radio"/>	OMG	AccuTrac Plate
	OMG	#12 Standard Hex Head
	SSSP16785	
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	#12 Standard Hex Head
	SSSP16787	
<input type="radio"/>	OMG	Recessed Metal Plate
	OMG	#12 Standard Hex Head
	SSSP16793	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	#12 Stainless Standard Fastener
	SSSP16795	
<input type="radio"/>	OMG	OMG G-2
	OMG	#12 Stainless Standard Fastener
	SSSP16935	
<input type="radio"/>	OMG	Flat Insulation plate
	OMG	OMG XHD screw
	SSSP17274	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	#12 Stainless Standard Fastener
	SSSP17275	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	#12 Standard Roofgrip
	SSSP17276	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	OMG #14 Heavy Duty
	SSSP17278	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	OMG XHD screw
	SSSP17279	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	OMG #12 Standard
	SSSP17280	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	OMG Stainless #12 Standard
	SSSP17284	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	#12 Roofgrip
	SSSP17285	
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	#14 Roofgrip
	SSSP17342	
<input type="radio"/>	OMG	OMG LGP
	OMG	Standard Screw RS
<input type="radio"/>	SSSP17344	
	OMG	OMG G-2
	OMG	Standard Screw RS

SSSP17345		
<input type="radio"/>	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	Standard Screw RS
SSSP17347		
<input type="radio"/>	OMG	AccuTrac Plate
	OMG	Standard Screw RS
SSSP17348		
<input type="radio"/>	OMG	Universal Round Recessed Insulation Plate
	OMG	Standard Screw RS
SSSP17349		
<input type="radio"/>	OMG	Accutrak Flat Bottom
	OMG	Standard Screw RS
SSSP17351		
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	Standard Screw RS
SSSP17352		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	Standard Screw RS
SSSP17354		
<input type="radio"/>	OMG	Recessed Metal Plate
	OMG	Standard Screw RS
SSSP17355		
<input type="radio"/>	OMG	Flat Bottom Metal Plate
	OMG	Standard Screw RS
SSSP17356		
<input type="radio"/>	OMG	Flat Insulation plate
	OMG	Standard Screw RS
SSSP18015		
<input type="radio"/>	Derbigum Americas, Inc.	Perlok AccuTrac Flat Bottom Plate
	Derbigum Americas, Inc.	Perlok XHD
SSSP19871		
<input type="radio"/>	GenFlex Roofing Systems LLC	GenFast 3" Round Insulation Plate
	GenFlex Roofing Systems LLC	GenFast AP Fastener
SSSP19906		
<input type="radio"/>	Allied Building Products Corp.	Tri-Built 3" Steel Insulation Plate
	Allied Building Products Corp.	Tri-Built #14 Heavy Duty Roofing Fastener
SSSP19907		
<input type="radio"/>	Allied Building Products Corp.	Tri-Built 3" Steel Insulation Plate
	Allied Building Products Corp.	Tri-Built #12 Standard Roofing Fastener
SSSP19948		
<input type="radio"/>	OMG	Roofgrip Round Flat Insulation Plate
	OMG	#15 Roofgrip
SSSP19949		
<input type="radio"/>	OMG	Universal Round Recessed Insulation Plate
	OMG	#15 Roofgrip
SSSP19950		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate
	OMG	#15 Roofgrip
SSSP19951		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	#15 Roofgrip
SSSP19952		
<input type="radio"/>	OMG	75mm Steel Ribbed Plate
	OMG	#15 Roofgrip
<input type="radio"/>	SSSP19953	

	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	OMG XHD screw
	SSSP19954	
○	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	#15 Roofgrip
	SSSP20161	
○	SFS Group USA, Inc	Dekfast PLT-H-2-7/8
	SFS Group USA, Inc	Dekfast DF-S4-#14-PH3
	SSSP20164	
○	SFS Group USA, Inc	Dekfast PLT-HR-2-7/8-B
	SFS Group USA, Inc	Dekfast DF-S4-#14-PH3
	SSSP20165	
○	SFS Intec	IF-70x70
	SFS Group USA, Inc	Dekfast DF-S4-#14-PH3
	SSSP20176	
○	SFS Group USA, Inc	Dekfast PLT-P-R-3
	SFS Group USA, Inc	Dekfast DF-S4-#14-PH3
	SSSP20183	
○	SFS Group USA, Inc	isofast PLT-S-2-3/4x2-3/4
	SFS Group USA, Inc	Dekfast DF-S4-#14-PH3
	SSSP20252	
○	Derbigum Americas, Inc.	Perlok AccuTrac Plate
	Derbigum Americas, Inc.	Perlok-O #12 Screw
	SSSP20253	
○	Derbigum Americas, Inc.	Perlok AccuTrac Plate
	Derbigum Americas, Inc.	Perlok-O #14 Screw
	SSSP20254	
○	Derbigum Americas, Inc.	Perlok AccuTrac Flat Bottom Plate
	Derbigum Americas, Inc.	Perlok-O #12 Screw
	SSSP20255	
○	Derbigum Americas, Inc.	Perlok AccuTrac Flat Bottom Plate
	Derbigum Americas, Inc.	Perlok-O #14 Screw
	SSSP20256	
○	Derbigum Americas, Inc.	Perlok 3 in. Ribbed Galvalume Plate (Flat)
	Derbigum Americas, Inc.	Perlok-O #12 Screw
	SSSP20257	
○	Derbigum Americas, Inc.	Perlok 3 in. Ribbed Galvalume Plate (Flat)
	Derbigum Americas, Inc.	Perlok-O #14 Screw
	SSSP20888	
○	Firestone Building Products Co, LLC	IsoFast #12 Belted Fastener
	Firestone Building Products Co, LLC	IsoFast Insulation Plate
	SSSP23974	
○	GenFlex Roofing Systems LLC	GenFast 3" Round Insulation Plate
	GenFlex Roofing Systems LLC	Heavy-Duty
	SSSP25282	
○	Carlisle SynTec Inc	ACCUTRAC Fastening Plate
	Carlisle SynTec Inc	Carlisle HP-X
	SSSP25310	
○	Roofing Supply Group, LLC	Peak 3" Galvalume Plate
	Roofing Supply Group, LLC	Peak Standard RoofGrip Drill Point Fastener
	SSSP25311	
○	Roofing Supply Group, LLC	Peak 3" Galvalume Plate
	Roofing Supply Group, LLC	Peak Heavy Duty Roofing Fastener
○	SSSP25312	
	Roofing Supply Group, LLC	Peak 3" Galvalume Plate
	Roofing Supply Group, LLC	Peak Extra Heavy Duty Roofing Fastener

SSSP25338

<input type="radio"/>	Johns Manville Corp, Roofing Systems Group	Heavy Duty Low Profile Plate (Square)
	Johns Manville Corp, Roofing Systems Group	High Load Fastener

SSSP25339

<input type="radio"/>	Johns Manville Corp, Roofing Systems Group	Heavy Duty Low Profile Plate (Square)
	Johns Manville Corp, Roofing Systems Group	All Purpose Fastener

SSSP25340

<input type="radio"/>	Johns Manville Corp, Roofing Systems Group	Heavy Duty Low Profile Plate (Square)
	Johns Manville Corp, Roofing Systems Group	UltraFast Fasteners #12 Phillips Head

SSSP27659

<input type="radio"/>	Firestone Building Products Co, LLC	AP (#12) AccuTrac Fastener
	Firestone Building Products Co, LLC	AccuTrac Plate

SSSP27660

<input type="radio"/>	Firestone Building Products Co, LLC	AP (#12) AccuTrac Fastener
	Firestone Building Products Co, LLC	Accutrac Flat Bottom

SSSP27661

<input type="radio"/>	Firestone Building Products Co, LLC	HD (#15) AccuTrac Fastener
	Firestone Building Products Co, LLC	AccuTrac Plate

SSSP27662

<input type="radio"/>	Firestone Building Products Co, LLC	HD (#15) AccuTrac Fastener
	Firestone Building Products Co, LLC	Accutrac Flat Bottom

SSSP29708

<input type="radio"/>	Firestone Building Products Co, LLC	Insulation Fastening Plate
	SFS Group USA, Inc	Dekfast DF-#14-PH3-SW

SSSP29818

<input type="radio"/>	Tremco Inc	Tremco 3" Metal Insulation Plate
	Tremco Inc	Tremco #12 DP Fastener

SSSP29820

<input type="radio"/>	Tremco Inc	Tremco 3" Recessed Insulation Plate
	Tremco Inc	Tremco #12 DPH Fastener

SSSP29824

<input type="radio"/>	Tremco Inc	Tremco 3" Metal Insulation Plate
	Tremco Inc	Tremco #14 HD Fastener

SSSP29827

<input type="radio"/>	Tremco Inc	Tremco 3" Metal Insulation Plate
	Tremco Inc	Tremco #14 SS Fastener

SSSP29872

<input type="radio"/>	Lexsuo 2010 Corporation	Lexgrip 3" Galvanized Steel Insulation Plates
	Lexsuo 2010 Corporation	Lexgrip #12 Drill Point Insulation Screws (Phillips Head)

SSSP29874

<input type="radio"/>	Lexsuo 2010 Corporation	Lexgrip 3" Galvanized Steel Insulation Plates
	Lexsuo 2010 Corporation	Lexgrip #14 Heavy Duty Fasteners

SSSP29875

<input type="radio"/>	Lexsuo 2010 Corporation	Lexgrip 3" Galvanized Steel Insulation Plates
	Lexsuo 2010 Corporation	Lexgrip #14 Heavy Duty Stainless Steel Fasteners

SSSP29901

<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-H-2-7/8
	SFS Group USA, Inc	Dekfast DF-#14-PH3-SW

SSSP29906

<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-HR-2-7/8-B
	SFS Group USA, Inc	Dekfast DF-#14-PH3-SW

SSSP29916

<input type="radio"/>	SFS Group USA, Inc	Dekfast PLT-P-R-3
	SFS Group USA, Inc	Dekfast DF-#14-PH3-SW

☐ SSSP29918

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	SFS Group USA, Inc	Dekfast PLT-R-3
	SFS Group USA, Inc	Dekfast DF-#14-PH3-SW
	SSSP30088	
○	Firestone Building Products Co, LLC	Insulation Fastening Plate
	Firestone Building Products Co, LLC	Firestone All-Purpose S
	SSSP30097	
○	SFS Group USA, Inc	Dekfast PLT-H-2-7/8
	Firestone Building Products Co, LLC	Firestone All-Purpose S
	SSSP30101	
○	SFS Group USA, Inc	Dekfast PLT-HR-2-7/8-B
	Firestone Building Products Co, LLC	Firestone All-Purpose S
	SSSP30111	
○	SFS Group USA, Inc	Dekfast PLT-P-R-3
	Firestone Building Products Co, LLC	Firestone All-Purpose S
	SSSP30113	
○	SFS Group USA, Inc	Dekfast PLT-R-3
	Firestone Building Products Co, LLC	Firestone All-Purpose S
	SSSP30376	
○	Firestone Building Products Co, LLC	Firestone #12 fastener
	Firestone Building Products Co, LLC	Insulation Fastening Plate
	SSSP30691	
○	Altenloh, Brinck & Co., U.S., Inc.	Trufast 3" Metal Insulation Plate
	Altenloh, Brinck & Co., U.S., Inc.	Trufast #14 HD Stainless Steel Bi-Metal Fastener
	SSSP30692	
○	Altenloh, Brinck & Co., U.S., Inc.	Trufast 3" Recessed Metal Insulation Plate
	Altenloh, Brinck & Co., U.S., Inc.	Trufast #14 HD Stainless Steel Bi-Metal Fastener
	SSSP30849	
○	OMG	75mm Steel Ribbed Plate
	OMG	Universal #14 Fastener
	SSSP30850	
○	OMG	OMG LGP
	OMG	Universal #14 Fastener
	SSSP30853	
○	OMG	OMG G-2
	OMG	Universal #14 Fastener
	SSSP30854	
○	OMG	OMG 3 in. Galvalume Steel Plate
	OMG	Universal #14 Fastener
	SSSP30856	
○	OMG	AccuTrac Plate
	OMG	Universal #14 Fastener
	SSSP30857	
○	OMG	Universal Round Recessed Insulation Plate
	OMG	Universal #14 Fastener
	SSSP30859	
○	OMG	Accutrak Flat Bottom
	OMG	Universal #14 Fastener
	SSSP30862	
○	OMG	Roofgrip Round Flat Insulation Plate
	OMG	Universal #14 Fastener
	SSSP30864	
○	OMG	3 in. Ribbed Galvalume Plate
	OMG	Universal #14 Fastener
○	SSSP30866	
	OMG	Recessed Metal Plate
	OMG	Universal #14 Fastener

SSSP30867		
<input type="radio"/>	OMG	Flat Bottom Metal Plate
	OMG	Universal #14 Fastener
SSSP30870		
<input type="radio"/>	OMG	Flat Insulation plate
	OMG	Universal #14 Fastener
SSSP30871		
<input type="radio"/>	OMG	3 in. Ribbed Galvalume Plate (Flat)
	OMG	Universal #14 Fastener
<input type="radio"/>	Tremco Inc Tremco #12 PA Fastener	
6. Insulation (Board Stock)		optional
<input type="radio"/>	APOC, A Division of Gardner Asphalt	FC2S IsoHot
<input type="radio"/>	Atlas Roofing Corp	ACFoam-II
<input type="radio"/>	Atlas Roofing Corp	ACFoam-II SL
<input type="radio"/>	Carlisle SynTec Inc	Polyiso HP-W
<input type="radio"/>	CertainTeed Corp	FlintBoard H ISO
<input type="radio"/>	CertainTeed Corp	FlintBoard Iso
<input type="radio"/>	Conklin Co Inc	Conklin Roof Insulation II
<input type="radio"/>	Derbigum Americas, Inc.	Derbiboard
<input type="radio"/>	Dyplast Products LLC	DPFoam-II
<input type="radio"/>	Firestone Building Products Co, LLC	ISO 95+ CAN
<input type="radio"/>	Firestone Building Products Co, LLC	ISO 95+ GL
<input type="radio"/>	Firestone Building Products Co, LLC	ISO 95+ GL (tapered)
<input type="radio"/>	Firestone Building Products Co, LLC	ISO 95+ GL NH
<input type="radio"/>	Firestone Building Products Co, LLC	RESISTA
<input type="radio"/>	Firestone Building Products Co, LLC	RESISTA (tapered)
<input type="radio"/>	GAF	EnergyGuard RA
<input type="radio"/>	GenFlex Roofing Systems LLC	GenFlex ISO Insulation
<input type="radio"/>	Hunter Panels LLC	H-Shield
<input type="radio"/>	Hunter Panels LLC	H-Shield NH
<input type="radio"/>	Hunter Panels LLC	H-Shield ^w
<input type="radio"/>	Lexusco 2010 Corporation	ISOLEX A
<input type="radio"/>	Mule-Hide Products Co Inc	Poly ISO 2
<input type="radio"/>	Polyglass USA Inc	Polytherm
<input type="radio"/>	Rmax Operating LLC	Multi-Max 3
<input type="radio"/>	Rmax Operating LLC	Multi-Max 3 HW
<input type="radio"/>	Seaman Corporation	FTR-VALUE A
<input type="radio"/>	Sika Sarnafil Inc	Sarnatherm a
<input type="radio"/>	Siplast Inc	Paratherm W
<input type="radio"/>	Soprema Inc (USA)	SOPRA-ISO s
<input type="radio"/>	Versico LLC	Polyisocyanurate MP-W
<input type="radio"/>	Viking Products Group Inc	VPG-Flat
<input type="radio"/>	None	

7. Vapor Retarder

optional

<input type="radio"/> Generic	polyethylene [4 mil (0.004 in., 0.10 mm)]
<input type="radio"/> Generic	polyethylene [6 mil (0.006 in., 0.15 mm)]
SSVR26165	
<input type="radio"/> Firestone Building Products Co, LLC	V-Force
<input type="radio"/> Generic	self adhered
Firestone Building Products Co, LLC	V-Force SB Primer
Georgia-Pacific Gypsum LLC	DensDeck
SSVR26166	
<input type="radio"/> Firestone Building Products Co, LLC	V-Force
<input type="radio"/> Generic	self adhered
Firestone Building Products Co, LLC	SA-Solvent Based (SB) Primer
Georgia-Pacific Gypsum LLC	DensDeck
SSVR26167	
<input type="radio"/> Firestone Building Products Co, LLC	V-Force
<input type="radio"/> Generic	self adhered
Firestone Building Products Co, LLC	SA-LVOC Primer
Georgia-Pacific Gypsum LLC	DensDeck
SSVR26168	
<input type="radio"/> Firestone Building Products Co, LLC	V-Force
<input type="radio"/> Generic	self adhered
Georgia-Pacific Gypsum LLC	DensDeck
<input type="radio"/> None	

8. (Deck) Steel

☐ See Separate Steel Deck Manufacturer Listing steel deck, 22 to 16 ga., (<=90 psf)

9. Structure

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Assembly Properties

Date printed: Mar 04, 2020

Assembly #: 200406-0-0	Slope: 3.0000
Roof System: Single-Ply System	Wind Uplift*: 150
Application: New Roof	Internal Fire: 1
Cover Securement: Adhered	Exterior Fire: A
Deck Type: Steel	Hail: SH
Assembly limited to use with noncombustible walls only: No	

* FM Approved roofs must also have corner (Zone 3) and perimeter (Zone 2) enhancements and FM Approved perimeter flashing. For details, see DS 1-29 and 1-49. For Standing/Lap Seam roofs, see DS 1 - 31.

Assembly Details

IMPORTANT: You must select a cover in order to select the cover securements. Note that all securements may not be approved with all covers.

1. Coating/Surfacing		optional
<input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> None	AcryliTop PC-100 Coat	
2. Cover (Single-ply)		
<input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> ProLink Roofing Systems	RubberGard Platinum RubberGard Platinum PT GenFlex AFR EPDM 90 mil GK-090	
Securement (Sheet Lap)		
<input type="radio"/> Ashland <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Generic <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC	Pliobond 9053 QuickSeam Splice Tape RubberGard SA-1065 Splice Adhesive self adhered GenFlex Seam Tape GenSplice	
3. Securement (Cover) from 2. Cover (Single-ply) to 4. Cover Board		
<input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> Firestone Building Products Co, LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC <input type="radio"/> GenFlex Roofing Systems LLC	BA-2004 (T) Bonding Adhesive Single-Ply LVOC Bonding Adhesive Single-Ply LVOC Bonding Adhesive 1168 EPDM Bonding Adhesive LVOC-1168 EZ TPO Bonding Adhesive LVOC EZ TPO Bonding Adhesive LVOC-1168 GenFlex EPDM Bonding Adhesive GenFlex EPDM Bonding Adhesive LVOC	
4. Cover Board		
<input type="radio"/> Georgia-Pacific Gypsum LLC <input type="radio"/> United States Gypsum Company	DensDeck Prime SECUROCK Gypsum-Fiber Roof Board	

5. Securement (Board Stock) from 4. Cover Board to 8. (Deck) Steel

SSSP15584

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | Firestone Building Products Co, LLC | Firestone All-Purpose |

SSSP19871

- | | | |
|-----------------------|-----------------------------|-----------------------------------|
| <input type="radio"/> | GenFlex Roofing Systems LLC | GenFast 3" Round Insulation Plate |
| | GenFlex Roofing Systems LLC | GenFast AP Fastener |

SSSP27659

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | AP (#12) AccuTrac Fastener |
| | Firestone Building Products Co, LLC | AccuTrac Plate |

SSSP27660

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | AP (#12) AccuTrac Fastener |
| | Firestone Building Products Co, LLC | Accutrac Flat Bottom |

SSSP29708

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | SFS Group USA, Inc | Dekfast DF-#14-PH3-SW |

SSSP30088

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | Firestone Building Products Co, LLC | Firestone All-Purpose S |

SSSP30376

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Firestone #12 fastener |
| | Firestone Building Products Co, LLC | Insulation Fastening Plate |

6. Insulation (Board Stock)

- | | | |
|-----------------------|-------------------------------------|------------------------|
| <input type="radio"/> | Atlas Roofing Corp | ACFoam-II SL |
| <input type="radio"/> | Firestone Building Products Co, LLC | ISO 95+ GL |
| <input type="radio"/> | Firestone Building Products Co, LLC | ISO 95+ GL (tapered) |
| <input type="radio"/> | Firestone Building Products Co, LLC | ISO 95+ GL NH |
| <input type="radio"/> | GenFlex Roofing Systems LLC | GenFlex ISO Insulation |

7. Vapor Retarder

optional

- | | | |
|-----------------------|---------|---|
| <input type="radio"/> | Generic | polyethylene [4 mil (0.004 in., 0.10 mm)] |
| <input type="radio"/> | Generic | polyethylene [6 mil (0.006 in., 0.15 mm)] |

SSVR26165

- | | | |
|-----------------------|-------------------------------------|-------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Firestone Building Products Co, LLC | V-Force SB Primer |
| | Georgia-Pacific Gypsum LLC | DensDeck |

SSVR26166

- | | | |
|-----------------------|-------------------------------------|------------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Firestone Building Products Co, LLC | SA-Solvent Based (SB) Primer |
| | Georgia-Pacific Gypsum LLC | DensDeck |

SSVR26167

- | | | |
|-----------------------|-------------------------------------|----------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Firestone Building Products Co, LLC | SA-LVOC Primer |
| | Georgia-Pacific Gypsum LLC | DensDeck |

SSVR26168

- | | | |
|-----------------------|-------------------------------------|--------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Georgia-Pacific Gypsum LLC | DensDeck |

- ☐ None

8. (Deck) Steel

- ☐ See Separate Steel Deck Manufacturer Listing steel deck, 22 to 18 ga., wide rib (>90 psf)

Securement (Deck Lap)

- ☐ ITW Commercial Construction North American #10 HWH Teks 1
☐ ITW Commercial Construction North American #10 HWH Teks 3
☐ ITW Commercial Construction North American #12 HWH Teks 1
☐ ITW Commercial Construction North American #12 HWH Teks 3

9. Securement (Deck) from 8. (Deck) Steel to 10. Structure

SSSP15442

- ☐ Generic 3/4 in. washer
ITW Commercial Construction North American #12 HWH Teks 5

SSSP16076

- ☐ Generic 3/4 in. washer
ITW Commercial Construction North American #12 HWH Teks 4

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Assembly Properties

Date printed: Mar 04, 2020

Assembly #: 200407-0-0	Slope: 3.0000
Roof System: Single-Ply System	Wind Uplift*: 210
Application: New Roof	Internal Fire: 1
Cover Securement: Adhered	Exterior Fire: A
Deck Type: Steel	Hail: SH
Assembly limited to use with noncombustible walls only: No	

* FM Approved roofs must also have corner (Zone 3) and perimeter (Zone 2) enhancements and FM Approved perimeter flashing. For details, see DS 1-29 and 1-49. For Standing/Lap Seam roofs, see DS 1 - 31.

Assembly Details

IMPORTANT: You must select a cover in order to select the cover securements. Note that all securements may not be approved with all covers.

1. Coating/Surfacing		optional
<input type="radio"/> Firestone Building Products Co, LLC	AcryliTop PC-100 Coat	
<input type="radio"/> None		
2. Cover (Single-ply)		
<input type="radio"/> Firestone Building Products Co, LLC	RubberGard Platinum	
<input type="radio"/> Firestone Building Products Co, LLC	RubberGard Platinum PT	
<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex AFR EPDM 90 mil	
<input type="radio"/> ProLink Roofing Systems	GK-090	
Securement (Sheet Lap)		
<input type="radio"/> Ashland	Pliobond 9053	
<input type="radio"/> Firestone Building Products Co, LLC	QuickSeam Splice Tape	
<input type="radio"/> Firestone Building Products Co, LLC	RubberGard SA-1065 Splice Adhesive	
<input type="radio"/> Generic	self adhered	
<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex Seam Tape	
<input type="radio"/> GenFlex Roofing Systems LLC	GenSplice	
3. Securement (Cover) from 2. Cover (Single-ply) to 4. Cover Board		
<input type="radio"/> Firestone Building Products Co, LLC	BA-2004 (T) Bonding Adhesive	
<input type="radio"/> Firestone Building Products Co, LLC	Single-Ply LVOC Bonding Adhesive	
<input type="radio"/> Firestone Building Products Co, LLC	Single-Ply LVOC Bonding Adhesive 1168	
<input type="radio"/> GenFlex Roofing Systems LLC	EPDM Bonding Adhesive LVOC-1168	
<input type="radio"/> GenFlex Roofing Systems LLC	EZ TPO Bonding Adhesive LVOC	
<input type="radio"/> GenFlex Roofing Systems LLC	EZ TPO Bonding Adhesive LVOC-1168	
<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex EPDM Bonding Adhesive	
<input type="radio"/> GenFlex Roofing Systems LLC	GenFlex EPDM Bonding Adhesive LVOC	
4. Cover Board		
<input type="radio"/> Georgia-Pacific Gypsum LLC	DensDeck Prime	
<input type="radio"/> United States Gypsum Company	SECUROCK Gypsum-Fiber Roof Board	

5. Securement (Board Stock) from 4. Cover Board to 8. (Deck) Steel

SSSP15584

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | Firestone Building Products Co, LLC | Firestone All-Purpose |

SSSP19871

- | | | |
|-----------------------|-----------------------------|-----------------------------------|
| <input type="radio"/> | GenFlex Roofing Systems LLC | GenFast 3" Round Insulation Plate |
| | GenFlex Roofing Systems LLC | GenFast AP Fastener |

SSSP27659

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | AP (#12) AccuTrac Fastener |
| | Firestone Building Products Co, LLC | AccuTrac Plate |

SSSP27660

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | AP (#12) AccuTrac Fastener |
| | Firestone Building Products Co, LLC | Accutrac Flat Bottom |

SSSP29708

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | SFS Group USA, Inc | Dekfast DF-#14-PH3-SW |

SSSP30088

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Insulation Fastening Plate |
| | Firestone Building Products Co, LLC | Firestone All-Purpose S |

SSSP30376

- | | | |
|-----------------------|-------------------------------------|----------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | Firestone #12 fastener |
| | Firestone Building Products Co, LLC | Insulation Fastening Plate |

6. Insulation (Board Stock)

- | | | |
|-----------------------|-------------------------------------|------------------------|
| <input type="radio"/> | Atlas Roofing Corp | ACFoam-II SL |
| <input type="radio"/> | Firestone Building Products Co, LLC | ISO 95+ GL |
| <input type="radio"/> | Firestone Building Products Co, LLC | ISO 95+ GL (tapered) |
| <input type="radio"/> | Firestone Building Products Co, LLC | ISO 95+ GL NH |
| <input type="radio"/> | GenFlex Roofing Systems LLC | GenFlex ISO Insulation |

7. Vapor Retarder

optional

- | | | |
|-----------------------|---------|---|
| <input type="radio"/> | Generic | polyethylene [4 mil (0.004 in., 0.10 mm)] |
| <input type="radio"/> | Generic | polyethylene [6 mil (0.006 in., 0.15 mm)] |

SSVR26165

- | | | |
|-----------------------|-------------------------------------|-------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Firestone Building Products Co, LLC | V-Force SB Primer |
| | Georgia-Pacific Gypsum LLC | DensDeck |

SSVR26166

- | | | |
|-----------------------|-------------------------------------|------------------------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Firestone Building Products Co, LLC | SA-Solvent Based (SB) Primer |
| | Georgia-Pacific Gypsum LLC | DensDeck |

SSVR26167

- | | | |
|-----------------------|-------------------------------------|----------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Firestone Building Products Co, LLC | SA-LVOC Primer |
| | Georgia-Pacific Gypsum LLC | DensDeck |

SSVR26168

- | | | |
|-----------------------|-------------------------------------|--------------|
| <input type="radio"/> | Firestone Building Products Co, LLC | V-Force |
| | Generic | self adhered |
| | Georgia-Pacific Gypsum LLC | DensDeck |

- ☐ None

8. (Deck) Steel

- | | |
|--|--|
| <input type="radio"/> See Separate Steel Deck Manufacturer Listing | steel deck, 20 to 18 ga., wide rib (>90 psf) |
| <input type="radio"/> See Separate Steel Deck Manufacturer Listing | steel deck, 22 ga., wide rib |
| <input type="radio"/> See Separate Steel Deck Manufacturer Listing | steel deck, min 80 ksi, 22 to 18 ga., wide rib (>90 psf) |

Securement (Deck Lap)

- | | |
|--|----------------|
| <input type="radio"/> ITW Commercial Construction North American | #10 HWH Teks 1 |
| <input type="radio"/> ITW Commercial Construction North American | #10 HWH Teks 3 |
| <input type="radio"/> ITW Commercial Construction North American | #12 HWH Teks 1 |
| <input type="radio"/> ITW Commercial Construction North American | #12 HWH Teks 3 |

9. Securement (Deck) from 8. (Deck) Steel to 10. Structure

Comments:

On Center spacing may be different than noted for some decks. On Center spacing equals deck span. See deck layer details.

SSSP15442

- | | |
|--|----------------|
| <input type="radio"/> Generic | 3/4 in. washer |
| ITW Commercial Construction North American | #12 HWH Teks 5 |

SSSP16076

- | | |
|--|----------------|
| <input type="radio"/> Generic | 3/4 in. washer |
| ITW Commercial Construction North American | #12 HWH Teks 4 |

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