

SECTION A
STACK JACK FLASHINGS

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WHAT IT TAKES TO BE **THALER OR EQUAL**

When specifications read Thaler or Equal, it is incumbent upon specifiers and building owners to determine what it means to be “Or Equal”. The following data has been presented to quickly help assess the comparative merits of “competitive” products. Thaler STACK JACK™ flashing products have a number of Value Added features that should be considered when trying to equate the “Or Equal”.

CHECK THE
 COMPETITION

THALER VALUE
ADDED FEATURES

- | | | |
|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | EPDM Triple Pressure Grommet Seal; EPDM “memory” in the seal provides constant pressure to outside of vent pipe to prevent leaks. See Thaler EPDM Flashing Seals literature. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | EPDM Base Seal; EPDM “memory” in the seal provides constant pressure to outside of vent pipe to prevent condensation build-up. See Thaler EPDM Flashing Seals literature. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Incorporates air barrier principles; meets the requirements for air leakage control better than any vent stack flashing on the market today. See Thaler EPDM Flashing Seals literature. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | EPDM Triple Pressure Grommet Seal and Base Seal sizes; available for 2”, 3”, 4”, 5” and 6” (51, 76, 102, 127 and 152 mm) diameter vent stacks. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Injection molded urethane insulation (where applicable); adheres to inner side of sleeve without air pockets. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | One piece, spun aluminum flashing sizes; supplied in a variety of diameters and heights for plastic, steel, stainless, copper or cast iron vent pipes e.g. 2”, 3”, 4”, 5” and 6” (51, 76, 102, 127 and 152 mm) diameters, and 7”, 13” and 19” (178, 330 and 483 mm) standard heights. Other sizes available upon request. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Treated deck flange; can be PVC/TPO coated for proper adhesion of PVC/TPO membrane or bituminous painted for BUR or ModBit membrane. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Material options and thickness; available in .064” (1.6 mm) mill finish 1000-0T alloy aluminum, .032” (0.831 mm) 24 oz. copper or .031” (0.79 mm) 22 ga. Type 304 stainless steel. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | CSA Approved; All Thaler STACK JACK flashings conform to CSA B272-93 - Prefabricated Self-Sealing Roof Vent Flashings. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 20 year Warranty; guaranteed against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler “Installation Instructions”. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance-Free; never needs caulking (any caulking at any time will invalidate 20 year warranty) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Written “Installation Instructions”; provided with every Thaler product. |

ROOF SPECIALTIES
SJ-34 / SJ-35 / SJ-36
NEW-STANDARD
STACK JACK™
FLASHINGS
 (Uninsulated)

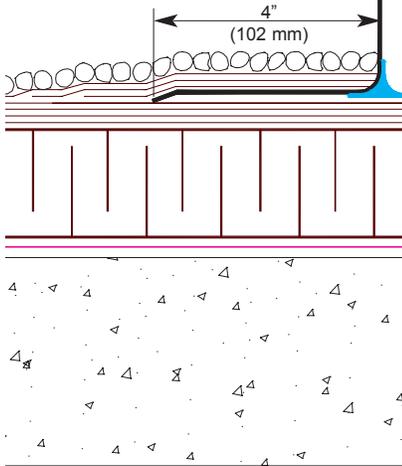


TRADE SIZES
 2" (51 mm)
 3" (76 mm)
 4" (102 mm)
 5" (127 mm)
 6" (152 mm)

| MODEL | HEIGHT |
|-------|-------------------|
| SJ-34 | 7" (178 mm) high |
| SJ-35 | 13" (330 mm) high |
| SJ-36 | 19" (483 mm) high |

EPDM TRIPLE PRESSURE GROMMET SEAL

CONVENTIONAL ROOFING ILLUSTRATED

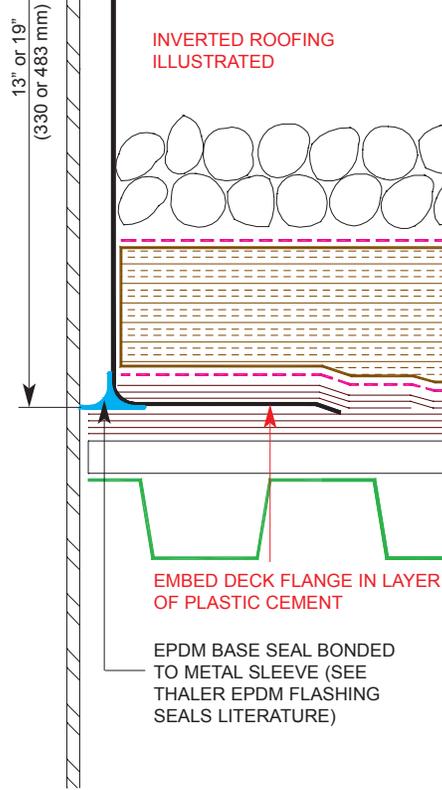


CONCRETE DECK

VENT PIPE

THALER NEW-STANDARD STACK JACK™ FLASHING (ALUMINUM, COPPER OR STAINLESS STEEL)

INVERTED ROOFING ILLUSTRATED



EMBED DECK FLANGE IN LAYER OF PLASTIC CEMENT

EPDM BASE SEAL BONDED TO METAL SLEEVE (SEE THALER EPDM FLASHING SEALS LITERATURE)

STEEL DECK

NEW-STANDARD STACK JACK™ FLASHING (Uninsulated)

PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler STACK JACK Flashings are installed by placing the flashing over the vent stack and as follows:

BUR: Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated STACK JACK by adding suffix P to end of model number, e.g. SJ-34-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Ordering and Availability: Specify material required by adding appropriate suffix to model number e.g. SJ-34-A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

DESCRIPTION:

Thaler New-Standard STACK JACK Flashings consist of a metal flashing sleeve with integral flange, and EPDM Triple Pressure Grommet Seal and EPDM Base Seal. Available in aluminum, copper, stainless steel.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102mm), 5" (127mm), and 6" (152mm).

Height: Model No. SJ-34 is 7" (179 mm) high; SJ-35 is 13" (330 mm) high, and SJ-36 is 19" (483 mm) high. Add suffix -A for Aluminum, -C for Copper, and -S for Stainless Steel to model no. e.g. SJ-34-A, etc. as required.

PROMINENT FEATURES:

Condensation free. Never needs caulking. See Thaler EPDM Flashing Seals literature.

OPTIONS:

PVC coated deck flange for PVC roof membrane. Bituminous painted deck flange for BUR and ModBit roof membrane. Vandal proof stainless steel cap (SJ-33). Split flashing (SPJ-2) is available as an alternative if sleeve cannot fit over vent stack.

RECOMMENDED USE:

Suitable for plastic, steel, stainless, copper or cast iron vent pipes.

APPROVALS:

CSA Approved to CSA B272-93 (Prefabricated self-Sealing Roof Vent Flashings). Note: in addition to the CSA tests, Thaler in-house testing was performed with the EPDM Triple Pressure Grommet Seal submerged in 8" (203 mm) of water for 3 months with no leakage.

WARRANTY:

20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler [SJ-34, 7" (178mm) high] [SJ-35, 13" (330 mm) high] [SJ-36, 19" (483 mm) high] New-Standard STACK JACK Flashing (Uninsulated); [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831mm) 24 oz copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127mm)] [6" (152 mm)] diameter; to CSA B272-93; with EPDM Triple Pressure Grommet Seal and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange]; [s.s. vandal proof cap]; manufactured by Thaler Metal Industries, 1-800- 387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.

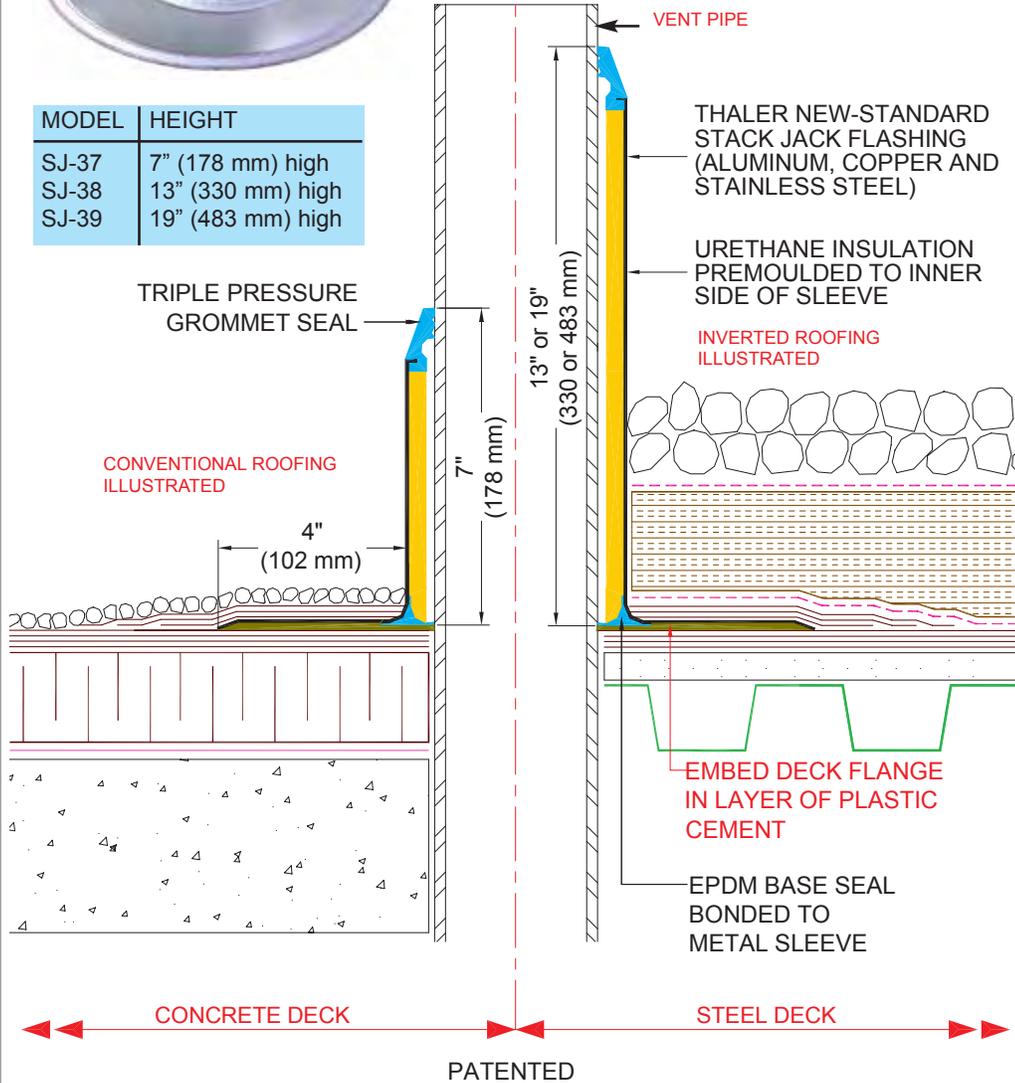
ROOF SPECIALTIES
SJ-37 / SJ-38 / SJ-39
NEW-STANDARD
STACK JACK™
FLASHINGS
 (Insulated)



TRADE SIZES
 2" (51 mm)
 3" (76 mm)
 4" (102 mm)
 5" (127 mm)
 6" (152 mm)



| MODEL | HEIGHT |
|-------|-------------------|
| SJ-37 | 7" (178 mm) high |
| SJ-38 | 13" (330 mm) high |
| SJ-39 | 19" (483 mm) high |



DESCRIPTION:

Thaler New-Standard STACK JACK Flashings (Insulated) consist of a metal flashing sleeve with integral flange, pre-molded urethane insulation liner, EPDM Triple Pressure Grommet Seal and EPDM Base Seal. Available in aluminum, copper, stainless steel.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127 mm), and 6" (152 mm).
Height: Model No. SJ-37 is 7" (179 mm) high; SJ-38 is 13" (330 mm) high, and SJ-39 is 19" (483 mm) high. Add suffix -A for Aluminum, -C for Copper, and -S for Stainless Steel to model no. e.g. SJ-37-A, etc. as required.

PROMINENT FEATURES:

Condensation free. Never needs caulking. See Thaler EPDM Flashing Seals literature.

OPTIONS:

PVC coated deck flange for PVC roof membrane. Bituminous painted deck flange for BUR and ModBit roof membrane. Vandal proof stainless steel cap (SJ-33). Split flashing (SPJ-2) is available as an alternative if sleeve does not fit over vent stack.

RECOMMENDED USE:

Suitable for plastic, steel, stainless steel, copper or cast iron vent pipes.

APPROVALS:

CSA Approved to CSA B272-93 (Prefabricated Self-Sealing Roof Vent Flashings). Note: in addition to the CSA tests, Thaler in-house testing was performed with the EPDM Triple Pressure Grommet Seal submerged in 8" (200 mm) of water for 3 months with no leakage.

WARRANTY:

20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler [SJ-37, 7" (178 mm) high] [SJ-38, 13" (330 mm) high] [SJ-39, 19" (483 mm) high] New-Standard STACK JACK Flashing (Insulated); [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with EPDM Triple Pressure Grommet Seal and EPDM Base Seal; pre-molded urethane insulation liner; [PVC coated deck flange] [Bituminous painted deck flange]; [s.s. vandal proof cap]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.

NEW-STANDARD STACK JACK™ FLASHING (Insulated)

PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler STACK JACK Flashings are installed by placing the flashing over the vent stack and as follows:

BUR: Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated STACK JACK by adding suffix P to end of model number, e.g. SJ-37-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Ordering and Availability: Specify material required by adding appropriate suffix to model number e.g. SJ-37-A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available form stock.





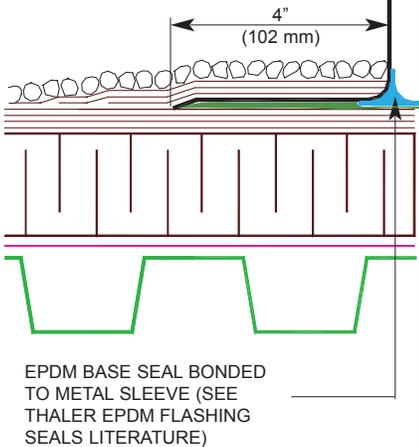
ROOF SPECIALTIES
SJ-24 / SJ-25
REMOVABLE CAP
STACK JACK™
FLASHINGS
 (Uninsulated)



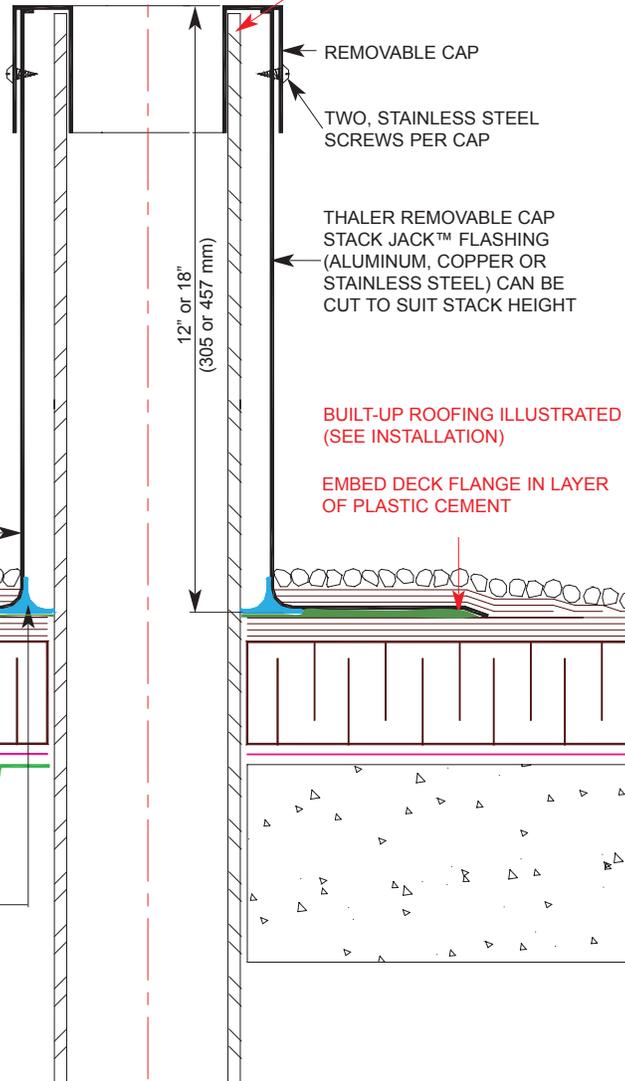
- TRADE SIZES**
 2" (51 mm)
 3" (76 mm)
 4" (102 mm)
 5" (127 mm)
 6" (152 mm)
 7" (178 mm)
 8" (203 mm)
 10" (254 mm)

| MODEL | HEIGHT |
|-------|-------------------|
| SJ-24 | 12" (305 mm) high |
| SJ-25 | 18" (457 mm) high |

CONVENTIONAL ROOFING ILLUSTRATED



VENT PIPE



STEEL DECK

CONCRETE DECK

REMOVABLE CAP STACK JACK™ FLASHING (Insulated)

PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler STACK JACK Flashings are installed by placing the flashing over the vent stack and as follows:

BUR: Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated STACK JACK by adding suffix P to end of model number, e.g. SJ-24-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Ordering and Availability: Specify material required by adding appropriate suffix to model number e.g. SJ-24-A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

DESCRIPTION:

Thaler Removable Cap STACK JACK Flashings consist of a metal flashing sleeve with integral flange, matching removable cap (screw fastened), and EPDM Base Seal. Available in aluminum, copper, and stainless steel.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127 mm), 6" (152 mm), 7" (178 mm), 8" (203 mm), and 10" (254 mm).

Height: Model No. SJ-24 is 12" (305 mm) high; SJ-25 is 18" (457 mm) high. Add suffix -A for Aluminum, -C for Copper, and -S for Stainless Steel to model no. e.g. SJ-24-A, etc. as required.

PROMINENT FEATURES:

Condensation free. Can be cut to suit vent pipe height. Gases accumulating inside flashing sleeve cannot penetrate ceiling space below due to integrity of EPDM Base Seal (see Thaler EPDM Flashing Seals literature).

OPTIONS:

PVC coated deck flange for PVC roof membrane. Bituminous painted deck flange for BUR and ModBit roof membrane. Vandal proof stainless steel cap (SJ-33). Split flashing (SPJ-2) is available as an alternative if sleeve cannot fit over vent stack.

RECOMMENDED USE:

Suitable for plastic, steel, stainless steel, copper or cast iron vent pipes.

APPROVALS:

CSA Approved to CSA B272-93 (Prefabricated Self-Sealing Roof Vent Flashings).

WARRANTY:

20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler [SJ-24, 12" (305 mm) high] [SJ-25, 18" (457 mm) high] Removable Cap STACK JACK Flashing (Uninsulated); [.064" (1.6 mm) mill finish 1100-0T alloy aluminum] [.032" (0.831 mm) 24 oz copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] [7" (178 mm)] [8" (203 mm)] [10" (254 mm)] diameter; to CSA B272-93; with removable cap and EPDM Base Seal; [PVC coated deck flange][bituminous painted deck flange]; [s.s. vandal proof cap]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.



ROOF SPECIALTIES
SJ-26 / SJ-27
REMOVABLE CAP
STACK JACK™
FLASHINGS
 (Insulated)

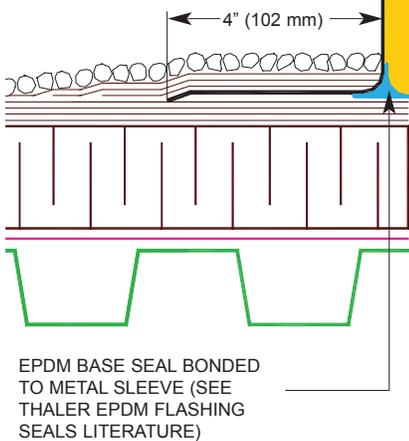


TRADE SIZES
 2" (51 mm)
 3" (76 mm)
 4" (102 mm)
 5" (127 mm)
 6" (152 mm)
 7" (178 mm)
 8" (203 mm)
 10" (254 mm)

| Model | Height |
|-------|-------------------|
| SJ-26 | 12" (305 mm) high |
| SJ-27 | 18" (457 mm) high |

URETHANE INSULATION
 PRE-MOLDED TO INNER
 SIDE OF SLEEVE

CONVENTIONAL ROOFING
 ILLUSTRATED



EPDM BASE SEAL BONDED
 TO METAL SLEEVE (SEE
 THALER EPDM FLASHING
 SEALS LITERATURE)

VENT PIPE

REMOVABLE CAP

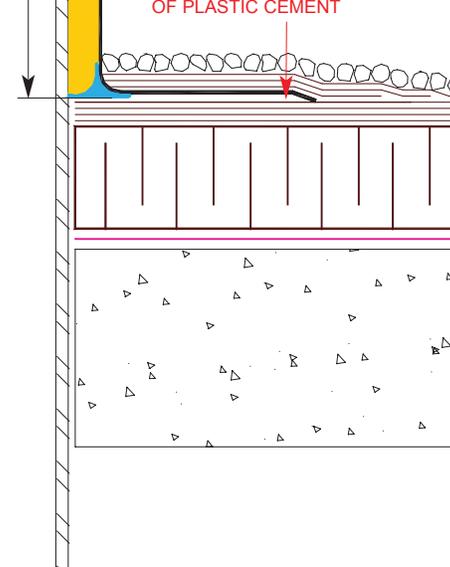
TWO, STAINLESS STEEL
 SCREWS PER CAP

THALER REMOVABLE CAP
 STACK JACK™ FLASHING
 (ALUMINUM, COPPER OR
 STAINLESS STEEL). CAN BE
 CUT TO SUIT STACK HEIGHT

CONVENTIONAL ROOFING
 ILLUSTRATED

EMBED DECK FLANGE IN LAYER
 OF PLASTIC CEMENT

12" or 18"
 (305 or 457 mm)



STEEL DECK

CONCRETE DECK

REMOVABLE CAP STACK JACK™ FLASHING (Insulated)

PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler STACK JACK Flashings are installed by placing the flashing over the vent stack and as follows:

BUR: Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated STACK JACK by adding suffix P to end of model number, e.g. SJ-26-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Ordering and Availability: Specify material required by adding appropriate suffix to model number e.g. SJ-24-A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

DESCRIPTION:

Thaler Removable Cap STACK JACK Flashings (Insulated) consist of a metal flashing sleeve with integral flange, matching removable cap (screw fastened), pre-molded urethane insulation liner, and EPDM Base Seal. Available in aluminum, copper, and stainless steel.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127 mm), 6" (152 mm), 7" (178 mm), 8" (203 mm), and 10" (254 mm).

Height: Model No. SJ-26 is 12" (305 mm) high; SJ-27 is 18" (457 mm) high. Add suffix -A for Aluminum, -C for Copper, and -S for Stainless Steel to model no. e.g. SJ-26-A, etc. as required.

PROMINENT FEATURES:

Condensation free. Can be cut to suit vent pipe height. Gases accumulating inside flashing sleeve cannot penetrate ceiling space below due to integrity of EPDM Base Seal (see Thaler EPDM Flashing Seals literature).

OPTIONS:

PVC coated deck flange for PVC roof membrane. Bituminous painted deck flange for BUR and ModBit roof membrane. Vandal proof stainless steel cap (SJ-33). Split flashing (SPJ-2) is available as an alternative if sleeve does not fit over vent stack.

RECOMMENDED USE:

Suitable for plastic, steel, stainless steel, copper or cast iron vent pipes.

APPROVALS:

CSA Approved to CSA B272-93 (Prefabricated Self-Sealing Roof Vent Flashings).

WARRANTY:

20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler [SJ-26, 12" (305 mm) high] [SJ-27, 18" (457 mm) high] Removable Cap STACK JACK Flashing (Insulated); [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] [7" (178 mm)] [8" (203 mm)] [10" (254 mm)] diameter; to CSA B272-93; with removable cap, pre-molded urethane insulation liner, and EPDM Base Seal; [PVC coated deck flange]; [bituminous painted deck flange]; [s.s. vandal proof cap]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.



**ROOF SPECIALTIES
NEW-STANDARD
SJ-44 / SJ-45
SLOPED ROOF
STACK JACK™
FLASHINGS**



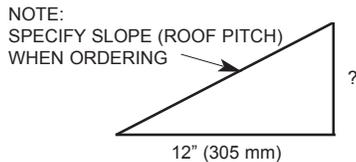
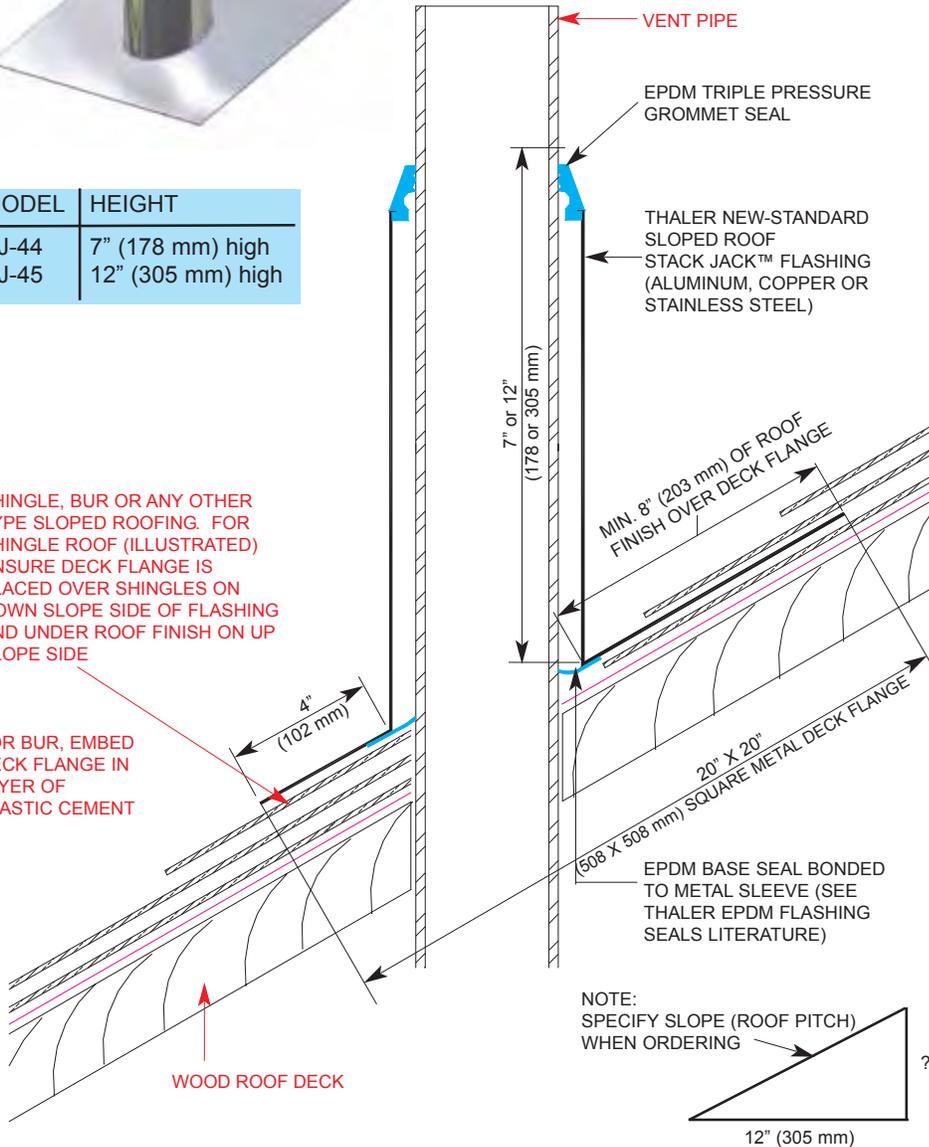
TRADE SIZES
2" (51 mm)
3" (76 mm)
4" (102 mm)
5" (127 mm)
6" (152 mm)



| MODEL | HEIGHT |
|-------|-------------------|
| SJ-44 | 7" (178 mm) high |
| SJ-45 | 12" (305 mm) high |

SHINGLE, BUR OR ANY OTHER TYPE SLOPED ROOFING. FOR SHINGLE ROOF (ILLUSTRATED) ENSURE DECK FLANGE IS PLACED OVER SHINGLES ON DOWN SLOPE SIDE OF FLASHING AND UNDER ROOF FINISH ON UP SLOPE SIDE

FOR BUR, EMBED DECK FLANGE IN LAYER OF PLASTIC CEMENT



DESCRIPTION:

Thaler New-Standard Sloped Roof STACK JACK Flashings consist of a metal flashing sleeve with a sloped integral deck flange, and EPDM Triple Pressure Grommet Seal and EPDM Base Seal. Available in aluminum, copper, and stainless steel.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127mm), and 6" (152 mm).

Height: Model No. SJ-44 is 7" (178 mm) high; SJ-45 is 12" (305 mm) high. Add suffix -A for Aluminum, -C for Copper, and -S for Stainless Steel to model no. e.g. SJ-44-A, etc. as required.

PROMINENT FEATURES:

Condensation free. Never needs caulking. See Thaler EPDM Flashing Seals literature.

OPTIONS:

PVC coated deck flange for PVC roof membrane. Bituminous painted deck flange for BUR and ModBit roof membrane. Vandal proof stainless steel cap (SJ-33). Split flashing (SPJ-2) is available as an alternative, if sleeve does not fit over vent stack.

RECOMMENDED USE:

Suitable for plastic, steel, stainless steel, copper or cast iron vent pipes.

APPROVALS:

CSA Approved to CSA B272-93 (Prefabricated Self-Sealing Roof Vent Flashings). Note: in addition to the CSA tests, Thaler in-house testing was performed with the EPDM Triple Pressure Grommet Seal submerged in 8" (203 mm) of water for 3 months with no leakage.

WARRANTY:

20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler [SJ-44, 7" (178 mm) high] [SJ-45, 12" (305 mm) high] New-Standard Sloped Roof STACK JACK Flashing; [.064" (1.6 mm) aluminum] [.032" (0.831 mm) copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127mm)] [6" (152 mm)] diameter; to CSA B272-93; with EPDM Triple Pressure Grommet Seal and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange]; [s.s. vandal proof cap]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.

NEW-STANDARD SLOPED ROOF STACK JACK™ FLASHING PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler STACK JACK Flashings are installed by placing the flashing over the vent stack and as follows:

BUR: Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated STACK JACK by adding suffix P to end of model number, e.g. SJ-44-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

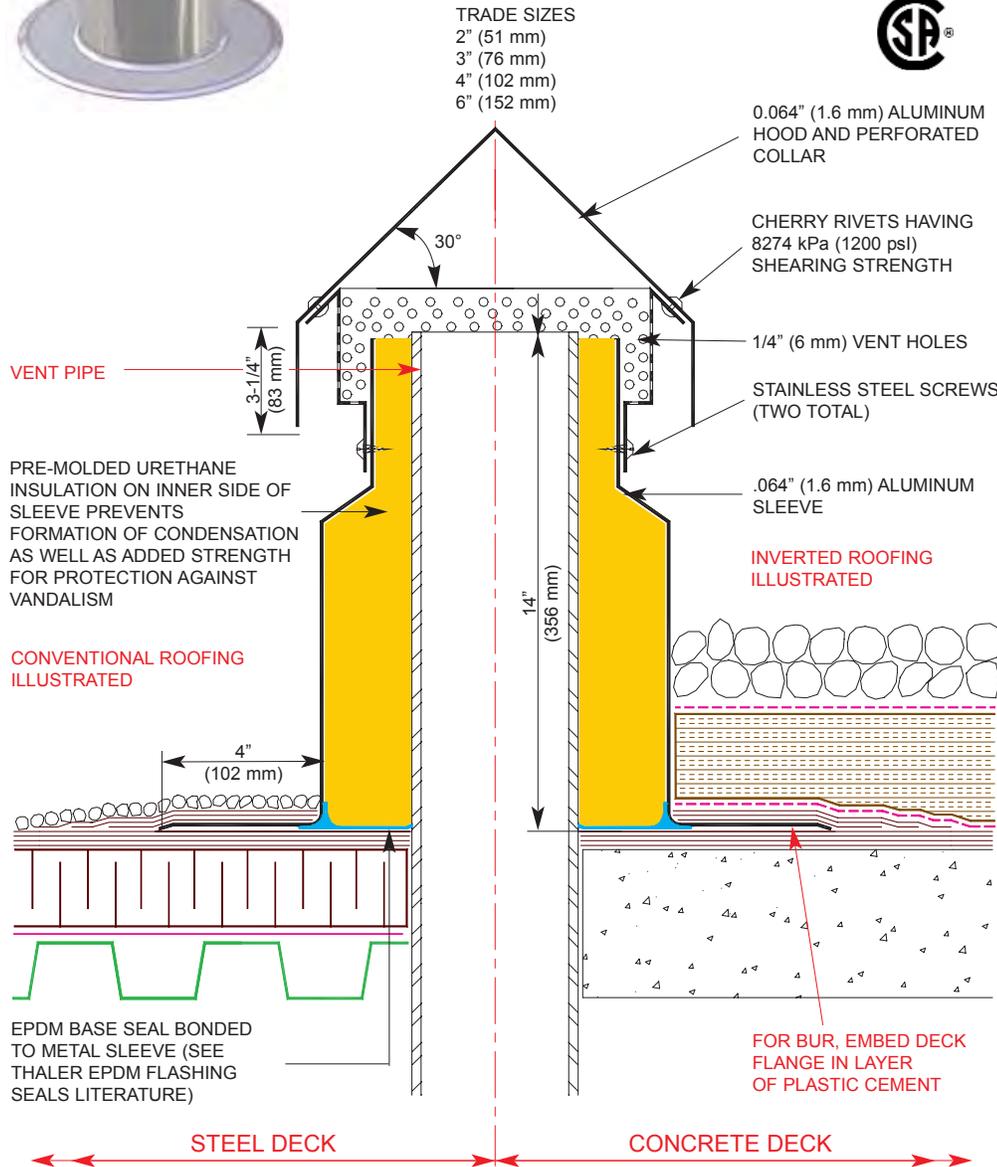
Ordering and Availability: Specify material required by adding appropriate suffix to model number e.g. SJ-44-A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.



ROOF SPECIALTIES
**SJ-31
 VANDAL PROOF
 STACK JACK™
 FLASHINGS**



| VENT STACK DIAMETER | SLEEVE DIAMETER | TOTAL VENT AREA | INSULATION THICKNESS |
|---------------------|-----------------|------------------------------------|----------------------|
| 2" (51 mm) | 8.5" (216 mm) | 16.6 sq. in (107 cm ²) | 3" (76 mm) |
| 3" (76 mm) | 8.5" (216 mm) | 16.6 sq. in (107 cm ²) | 2.5" (64 mm) |
| 4" (102 mm) | 8.5" (216 mm) | 16.6 sq. in (107 cm ²) | 2" (51 mm) |
| 5" (127 mm) | 9.5" (241 mm) | 38.8 sq. in (250 cm ²) | 2" (51 mm) |
| 6" (152 mm) | 9.5" (241 mm) | 38.8 sq. in (250 cm ²) | 1.5" (38 mm) |



DESCRIPTION:

Thaler SJ-31 Vandal proof STACK JACK Flashing consists of a metal flashing sleeve with integral flange, matching aluminum hood and perforated collar, thick premolded urethane insulation liner and EPDM Base Seal. Available in aluminum only.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127 mm), and 6" (152 mm).
Height: 18" (457 mm) is standard.

PROMINENT FEATURES:

Condensation free. Large, thickly insulated flashing sleeve provides added strength, rigidity and excellent resistance to damage by vandals. Gases cannot accumulate inside flashing sleeve nor penetrate ceiling space below due to insulation and integrity of EPDM Base Seal (see Thaler EPDM Flashing Seals literature). Can be cut to suit vent pipe height. Prevents vandals from pouring rooftop gravel into vent stacks and plugging up expensive-to-repair plumbing systems.

OPTIONS:

PVC coated deck flange for PVC roof membrane. Bituminous painted deck flange for BUR and ModBit roof membrane. Split flashing (SPJ-2) is available as an alternative if sleeve does not fit over vent stack.

RECOMMENDED USE:

Ideal for school roofs or other type buildings subject to vandalism. Suitable for plastic, steel, stainless steel, copper or cast iron vent pipes.

APPROVALS:

CSA Approved to CSA B272-93 (Prefabricated Self-Sealing Roof Vent Flashings).

WARRANTY:

20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler SJ-31, 18" (457 mm) high Vandal proof STACK JACK Flashing; .064" (1.6 mm) mill finish 1100-0T alloy aluminum; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with aluminum hood and perforated collar, thick premolded urethane insulation liner and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.

SJ-31 VANDAL PROOF STACK JACK™ FLASHING

PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler STACK JACK Flashings are installed by placing the flashing over the vent stack and as follows:

BUR: Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated STACK JACK by adding suffix P to end of model number, e.g. SJ-31-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Ordering and Availability: Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.



ROOF SPECIALTIES SJ-VPC VANDAL PROOF STACK JACK™ FLASHINGS

| VENT STACK DIAMETER | TOTAL PERFORATIONS | TOTAL VENTING AREA |
|---------------------|--------------------|--|
| 2" (51 mm) | 5 | 5.06 sq. in (32.68 cm ²) |
| 3" (76 mm) | 10 | 10.13 sq. in (65.35 cm ²) |
| 4" (102 mm) | 17 | 17.22 sq. in (111.10 cm ²) |
| 5" (127 mm) | 26 | 26.33 sq. in (169.92 cm ²) |
| 6" (152 mm) | 37 | 37.48 sq. in (241.81 cm ²) |

DESCRIPTION:

Thaler SJ-VPC Vandal proof STACK JACK Flashings consist of aluminum or stainless steel hood and flashing sleeve with integral deck flange, and EPDM Base Seal. The underside of the hood is perforated with ob-round vent holes that provide excellent venting, while keeping birds or rodents from entering from the exterior.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127 mm), and 6" (152 mm).
Height: 12" (305 mm) high is standard.

PROMINENT FEATURES:

Condensation free. Never needs caulking (see Thaler EPDM Flashing Seals literature). One of the most economical vandal proof flashings on the market. Prevents vandals from pouring rooftop gravel into vent stacks and plugging up expensive-to-repair plumbing systems. Ob-round vent holes aid in preventing the entry or nesting of birds, etc.

OPTIONS:

PVC coated deck flange for PVC roof membrane. Bituminous painted deck flange for BUR and ModBit roof membrane. For a more heavy duty vandal proof product, see Thaler SJ-31 Vandal proof STACK JACK Flashing. Split flashing (SPJ-2) is available as an alternative if sleeve does not fit over vent stack.

RECOMMENDED USE:

Ideal for school roofs or other type buildings subject to vandalism. Suitable for plastic, steel, stainless steel, copper or cast iron vent pipes.

WARRANTY:

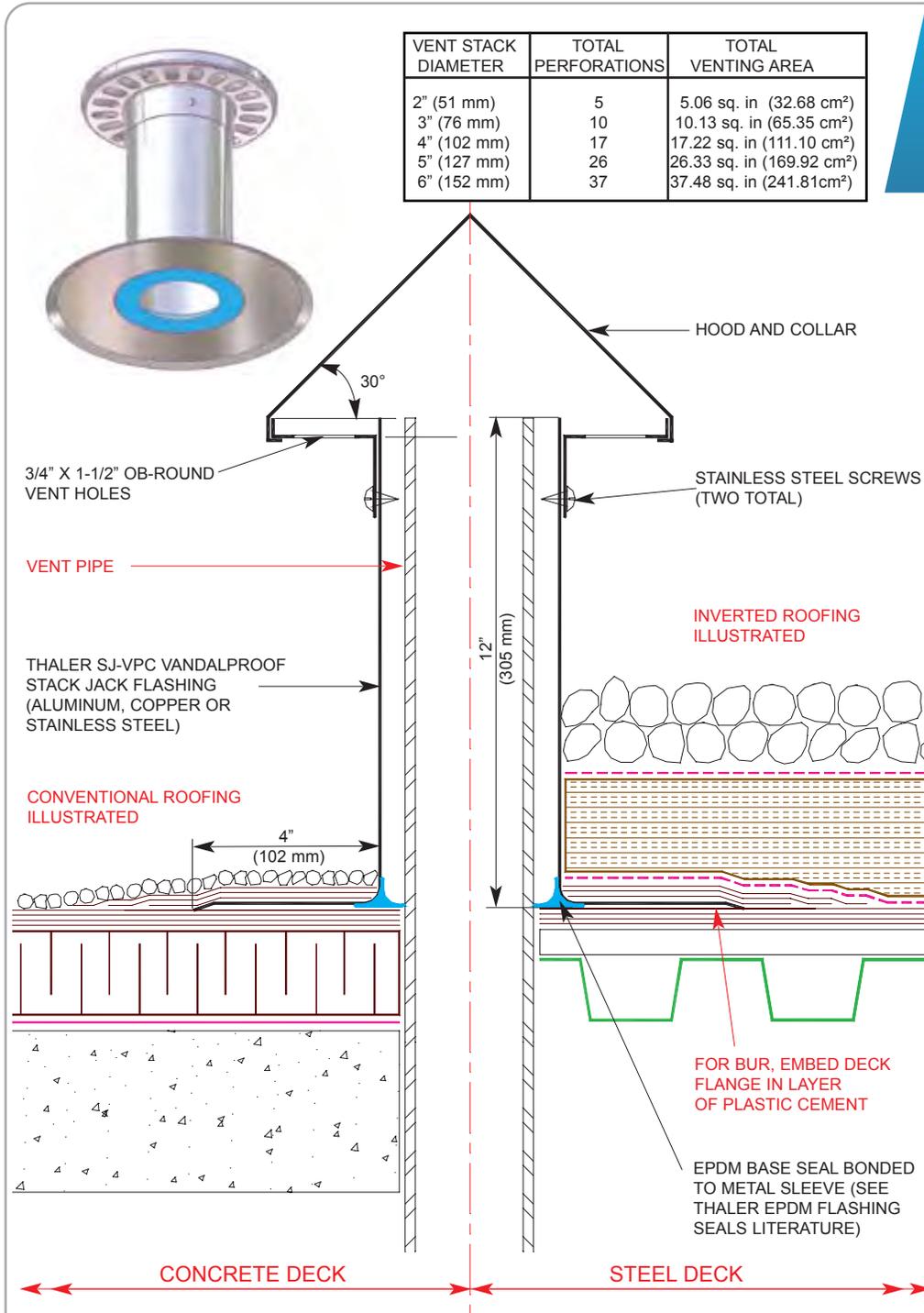
20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler SJ-VPC, 12" (305 mm) high Vandal proof STACK JACK Flashing; [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz. copper] [.031 (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with ob-round perforations in aluminum hood, and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.



SJ-VPC VANDAL PROOF STACK JACK™ FLASHING

PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler STACK JACK Flashings are installed by placing the flashing over the vent stack and as follows:

BUR: Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

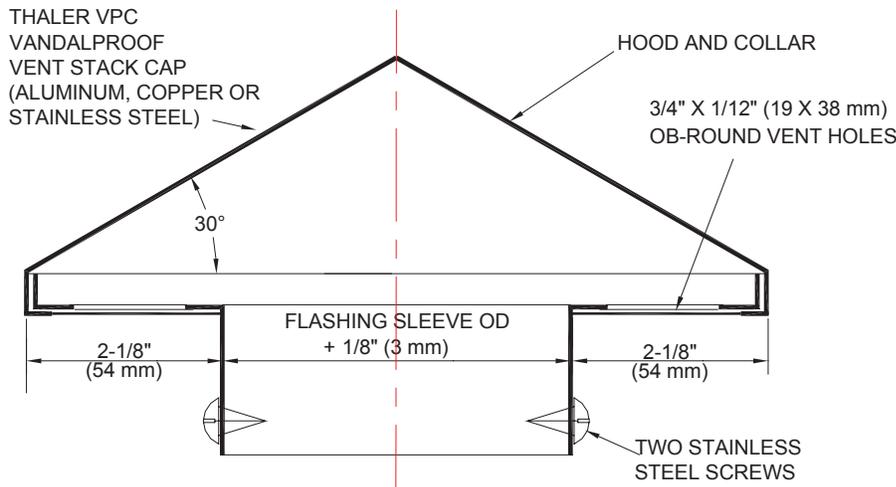
ModBit: Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated STACK JACK by adding suffix P to end of model number, e.g. SJ-VPC-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Ordering and Availability: Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

ROOF SPECIALTIES
VPC
VANDAL PROOF
VENT STACK CAP



| VENT STACK DIAMETER | TOTAL PERFORATIONS | TOTAL VENTING AREA |
|---------------------|--------------------|--|
| 2" (51 mm) | 5 | 5.06 sq. in (32.68 cm ²) |
| 3" (76 mm) | 10 | 10.13 sq. in (65.35 cm ²) |
| 4" (102 mm) | 17 | 17.22 sq. in (111.10 cm ²) |
| 5" (127 mm) | 26 | 26.33 sq. in (169.92 cm ²) |
| 6" (152 mm) | 37 | 37.48 sq. in (241.81cm ²) |

DESCRIPTION:

Thaler VPC Vandal proof Vent Stack Cap is an aluminum or stainless steel cap supplied with two stainless steel mounting screws. The underside of the cap is perforated with specially shaped "ob-round" vent holes. Designed as a retrofit item for vandal prone roofs. The overall size of the cap is shown in chart with drawing.

Diameter: 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127 mm), and 6" (152 mm).

PROMINENT FEATURES:

Economical aluminum product. Prevents vandals from pouring roof top gravel into vent stacks and plugging up expensive-to-repair plumbing systems. Ob-round vent holes aid in preventing the entry or nesting of birds, etc.

OPTIONS:

For a stainless steel vandal proof cap, see Thaler SJ-33 Vandal proof Vent Stack Cap. For complete aluminum economy vent stack flashing see Thaler SJ-VPC Vandal proof STACK JACK Flashing. For a complete heavy duty vandal proof product, see Thaler SJ-31 Vandal proof STACK JACK Flashing.

RECOMMENDED USE:

Ideal for school roofs or other type buildings subject to vandalism. Suitable for plastic, steel, stainless steel, copper or cast iron vent pipes.

WARRANTY:

20 year warranty against leaks, condensation and defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Warranty not valid where metal components are subjected to unusually harsh corrosive environments e.g. pulp mills, mining facilities and similar applications. Stainless steel only is recommended for these installations.

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vent stack flashing: Thaler VPC, Vandal proof Vent Stack Cap, [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [0.032" (0.831 mm 24 oz. copper)] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; sized to suit vent pipe, complete with obround perforations and stainless steel mounting screws; manufactured by Thaler Metal Industries, 1-800-387-7217 Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against defects in materials and/or manufacture.

VPC VANDAL PROOF STACK CAP

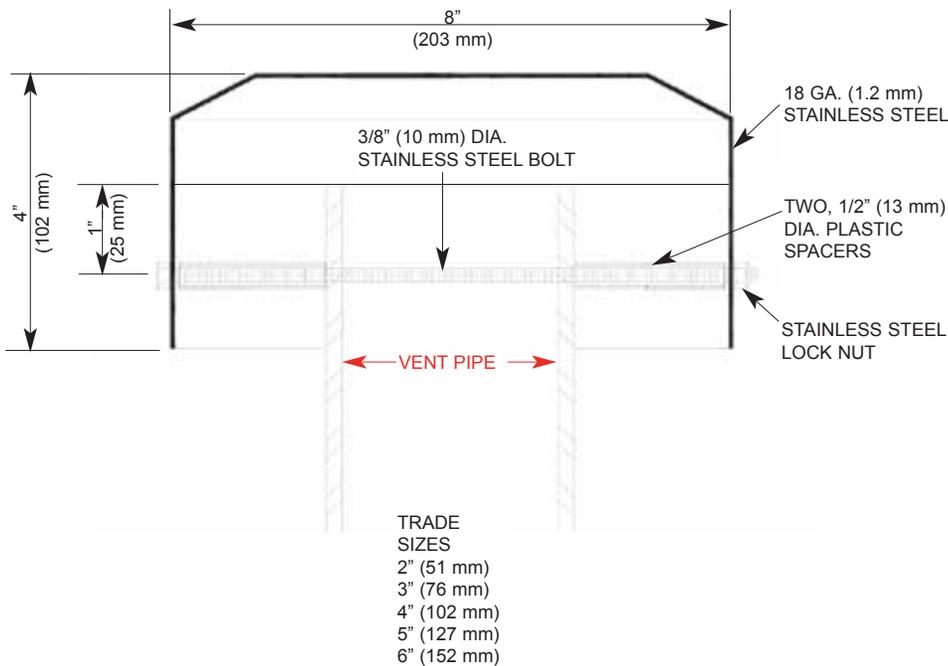
PATENTED

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, the Thaler VPC Vandal proof Vent Stack Cap is installed by simply securing the cap using the two stainless steel self-tapping screws 2" (51 mm) down from the top of the stack.

Ordering and Availability: Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

ROOF SPECIALTIES
SJ-33
VANDAL PROOF
VENT STACK CAP



DESCRIPTION:

Thaler SJ-33 Vandal proof Vent Stack Cap is a stainless steel cap supplied complete with rugged mounting hardware. The cap can be specified for use with Thaler STACK JACK Flashings or as a retrofit item for vandal prone areas. The overall size of the cap is 8" (203 mm) wide x 4" (102 mm) high.

Diameter: Fits 2" (51 mm), 3" (76 mm), 4" (102 mm), 5" (127 mm), and 6" (152 mm) vent stacks.

PROMINENT FEATURES:

Prevents vandals from pouring rooftop gravel into vent stacks and plugging up expensive-to-repair plumbing systems. Never rusts.

OPTIONS:

For a more heavy duty vandal proof product, see Thaler SJ-31 Vandal proof STACK JACK Flashing.

RECOMMENDED USE:

Ideal for school roofs or other type buildings subject to vandalism. Suitable for plastic, steel, stainless, copper or cast iron vent pipes.

WARRANTY:

20 year warranty against defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions".

MAINTENANCE:

No maintenance required (maintenance free).

SPECIFICATION (SHORT FORM):

Vandal proof vent stack caps: Thaler SJ-33 Vandal proof Cap; 18 ga. (1.2 mm) Type 304 stainless steel; for [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter vent pipe; complete with mounting hardware; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against defects in materials and/or manufacture.

SJ-33 VANDAL PROOF STACK CAP

INSTALLATION:

"Installation Instructions" are provided with every Thaler product. Essentially, the vandal proof cap is installed by drilling a 1/2" (13 mm) diameter hole in the vent stack 1" (25 mm) down from the top of the stack and then bolting the cap to the stack.

Ordering and Availability: Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

Note: This flashing specification, with minor editing, has been written as a separate section of work. Alternatively, the appropriate clauses may be incorporated as part of a roofing specification.

PART 1: GENERAL

1.01 SECTION INCLUDES

- A. Supply and installation of roof accessories, including:
 - 1. Preformed metal flashings.

1.02 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry
- B. Section 07200 - Thermal Protection
- C. Section 07500 - Membrane Roofing
- D. Section 07900 - Joint Sealers
- E. Section 15800 - Air Distribution

1.03 REFERENCES

[A. CSA B272-93 - Prefabricated Self-Sealing Roof Vent Flashings]

Note: CSA standard is applicable only to those Thaler products supplied with EPDM Triple Pressure Grommet Seal and/or EPDM Base Seal.

[B. CRCA (Canadian Roofing Contractor's Association)]

[C. NRCA (National Roofing Contractor's Association)]

[D. SPRI (Single Ply Roofing Institute)]

[E. CUFCA (Canadian Urethane Foam Contractor's Association) and CGSB-51-GP 46MP Manual for "Installers of Spray Polyurethane Foam Thermal Insulation" and ASTM C1029-90 "Spray Applied Rigid Cellular Polyurethane Thermal Insulation"]

1.04 SUBMITTALS

- A. Manufacturer's descriptive literature for each product, including section or other type details.
- B. Manufacturer's written installation instructions.
- C. Shop drawings and samples, when required, in accordance with Section [01300].

1.05 QUALITY ASSURANCE

- A. Roof accessories manufacturer to have minimum 5 years documented experience in the design and fabrication of roofing specialties and accessories.

1.06 SPECIAL WARRANTY

A. Warrant products installed under this section of work to be free of leaks, condensation and defects in materials and/or manufacture for a period of 20 years when installed in accordance with the manufacturer's written instructions.

PART 2: PRODUCTS

2.01 MANUFACTURER

- A. Provide products as manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX) or provide equal products by another manufacturer approved in advance by the [Architect], based upon:
1. 20 year warranty against leaks, condensation and defects in materials and/or manufacture, as applicable;
 2. compliance with CSA B272-93 (Prefabricated Self-Sealing Roof Vent Flashings)
 3. air barrier design using EPDM seals only;
 4. maintenance free design;
 5. materials and sizes options, and thickness;
 6. injection molded urethane insulation to CGSB-51-GP 46MP and ASTM C1029-90, as applicable;
 7. treated deck flange, as applicable;
 8. written installation instructions.

2.02 MANUFACTURED UNITS

Note: Delete clauses not applicable.

New-Standard STACK JACK Flashing (Uninsulated)

Vent stack flashing: Thaler [SJ-34, 7" (178 mm) high] [SJ-35, 13" (330 mm) high] [SJ-36, 19" (483 mm) high] New-Standard STACK JACK Flashing (Uninsulated); [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with EPDM Triple Pressure Grommet Seal and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange]; [s.s. vandal proof cap].

New-Standard STACK JACK Flashing (Insulated)

Vent stack flashing: Thaler [SJ-37, 7" (178 mm) high] [SJ-38, 13" (330 mm) high] [SJ-39, 19" (483 mm) high] New-Standard STACK JACK Flashing (Insulated); [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with EPDM Triple Pressure Grommet Seal and EPDM Base Seal; pre-molded urethane insulation liner; [PVC coated deck flange] [bituminous painted deck flange]; [s.s. vandal proof cap].

Removable Cap STACK JACK Flashing (Uninsulated)

Vent stack flashing: Thaler [SJ-24, 12" (305 mm) high] [SJ-25, 18" (457 mm) high] Removable Cap STACK JACK Flashing (Uninsulated); [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 o. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] [7" (178 mm)] [8" (203 mm)] [10" (254 mm)] diameter; to CSA B272-93; with removable cap and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange]; [s.s. vandal proof cap].

Removable Cap STACK JACK Flashing (Insulated)

Vent stack flashing: Thaler [SJ-26, 12" (305 mm) high] [SJ-27, 18" (457 mm) high] Removable Cap STACK JACK Flashing (Insulated); [.064" (1.6 mm) mill finish 1100-0T alloy aluminum] [.32" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] [7" (178 mm)] [8" (203 mm)] [10" (254 mm)] diameter; to CSA B272-93; with removable cap, pre-molded urethane insulation liner, and EPDM Base Seal; [PVC coated deck flange]; [bituminous painted deck flange]; [s.s. vandal proof cap].

New-Standard Sloped Roof STACK JACK Flashing

Vent stack flashing: Thaler [SJ-44, 7" (178 mm) high] [SJ-45, 12" (305 mm) high] New-Standard Sloped Roof STACK JACK Flashing; [.064" (1.6 mm) mill finish 1100-0T alloy aluminum] [.0232" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with EPDM Triple Pressure Grommet Seal and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange]; [s.s. vandalproof cap].

Vandal proof STACK JACK Flashing

Vent stack flashing: Thaler SJ-31, 18" (457 mm) high Vandal proof STACK JACK Flashing; .064" (1.6 mm) mill finish 1100-0T alloy aluminum; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with aluminum hood and perforated collar, thick pre-molded urethane insulation liner and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange].

Vandal proof STACK JACK Flashing

Vent stack flashing: Thaler SJ-VPC, 12" (305 mm) high Vandal proof Economy STACK JACK Flashing; .064" (1.6 mm) mill finish 1100-0T alloy aluminum; [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter; to CSA B272-93; with ob-round perforations in aluminum hood, and EPDM Base Seal; [PVC coated deck flange] [bituminous painted deck flange].

Vandal proof Vent Stack Cap

Vandal proof vent stack cap: Thaler VPC, Vandal proof Vent Stack Cap with perforated collar, .064" (1.6 mm) mill finish 1100-0T alloy aluminum; [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel]; sized to suit vent pipe; complete with ob-round perforation in collar and stainless steel mounting screws.

Vandal proof Vent Stack Cap

Vandal proof vent stack cap: Thaler SJ-33 Vandal proof Cap; 18 ga. (1.2 mm) Type 304 stainless steel; for [2" (51 mm)] [3" (76 mm)] [4" (102 mm)] [5" (127 mm)] [6" (152 mm)] diameter vent pipe; complete with stain less steel mounting hardware.

PART 3: EXECUTION

3.01 EXAMINATION

A. Report to the Contractor in writing, defects of work prepared by other trades and other unsatisfactory site conditions. Verify site dimensions. Commencement of work will imply acceptance of prepared work.

3.02 INSTALLATION

Note: Delete clauses not applicable.

A. Install flashing in accordance with manufacturer's printed instructions.

BUR

B. Set deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

Modified Bitumen

C. Torch membrane until bitumen is fluid and set flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply

D. Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing.

Note: For PVC membrane, specify PVC coated flashing by adding suffix P to end of Thaler model number, e.g. SJ-24-A-P; weld roofing to deck flange using PVC torch.

PVC Single Ply

E. Set deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to flashing. Weld roofing to deck flange using PVC torch.

Shingle Roof

A. Set deck flange in layer of plastic cement, ensuring that flange is placed over shingles on down slope side of flashing and under shingles on up slope side.

3.03 FIELD QUALITY CONTROL

A. Comply with the requirements of Section [01400 - Quality Control].

3.04 ADJUSTING

A. Verify that all manufactured units have been installed in accordance with specifications and details, and will function as intended. Adjust any items where necessary to ensure proper operation.

3.05 CLEANING

A. Clean manufactured units using materials and methods approved by manufacturer. Do not use cleaners or techniques which could impair performance of the roofing system.

End Of Section