A 600 Polyurethane Spray Foam Fluid Coating Detail

A6.1 Pitch Pan Detail
A6.2 Anchor Pan Detail
A6.3 Class B Vent Detail
A6.4 Class B Vent W/Hood Detail
A6.5 Vent Stack Detail
A6.6 Roof Drain Detail
A6.7 Roof Drain Detail
A6.8 Roof Gutter Detail
A6.9 Foam-Stop Fascia / Drip Edge Detail
A6.10 Drainage Scupper Detail
A6.11 Overflow Scupper Detail
A6.12 Existing Fascia New Foam -Stop Detail
A6.13 New 2-pc. Fascia Foam-Stop Detail
A6.14 Reglet & 2 Pc. Counterflushing New Foam-Stop Detail
A6.15 Cut Reglet New Foam- Stop Detail
A6.16 Surface Mount Counterflushing Detail
A6.17 Window Counterflushing New Foam-Stop Detail
A6.18 Parapet Cap Counterflushing New Foam-Stop Detail
A6.19 Coping Detail
A6.20 Expansion Joint Detail
A6.21 Wall Expansion Joint Detail
A6.22 Area Divider Detail
A6.23 Roof Curb w/Foam-Stop Detail
A6.24 SPF To Shingle Tie In Detail
A6.25 Universal Corner Foam-Stop Detail

Click for DFD Master Specifications
http://www.doa.state.wi.us/dsf/masterspec_view_new.asp?catid=37&locid=4
EXTEND COATING 4" (101mm) MIN. BEYOND SPF

EXISTING FILLER NON-SHRINKING GROUT

EXISTING PITCH PAN

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE
NOTE:
PIPE FLASHING FOR USE WITH HOT PIPE.
TEMPERATURE OF METAL COLLAR MUST NOT
EXCEED 180°F

SHEET METAL FLASHING COLLAR. PRIME
BEFORE APPLYING SPF

SPECIFIED COATING

1 PART POLYURETHANE SEALANT
STAINLESS STEEL DRAW BAND
GALV. RAIN COLLAR

SCH32 X 6 FT

(SPF) SPRAY
POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

CLASS B VENT PIPE DETAIL

1
A6.3
NO SCALE:

DFD STANDARD POLYURETHANE SPRAY FOAM
FLUID COATING DETAILS

Sheet Title: CLASS B VENT PIPE DETAIL

State of Wisconsin
Department of Administration
Division of Facilities Development

Agency / Institution:

Sheet Number A6.3

Scale NO

DFD
Number

Set
Type

RD.

Date
Issued

10/01/2012
SPRAY POLYURETHANE FOAM (SPF) TAPERED TO DRAIN

SILICONE COATING W/ GRANULES RUN DOWN INTO BOWL

DRAIN STRAINER REPLACE IF BROKEN OR MISSING

CLAMPING RING SET IN SEALANT

EXISTING DECK

EXISTING ROOF

NOTE:

MASK CLAMPING RING PRIOR TO SPRAY FOAM APPLICATION V-CUT FOAM AT CLAMPING RING AND APPLY SEALANT

1  A6.6  ROOF DRAIN DETAIL  NO SCALE:

DFD STANDARD POLYURETHANE SPRAY FOAM FLUID COATING DETAILS
ROOF DRAIN DETAIL

1
A6.7

NO SCALE:

REMOVE & CLEAN DRAIN COMPONENTS

PLUG OR CUTOUT DRAIN HOLE

SECURE OLD MEMBRANE

CLEAN SEAL AREA

ROOF DECK

REPLACE DRAIN DOME

SPRAY POLYURETHANE FOAM

GRIND OR SPRAY TAPER

DOUBLE COAT COATING SHALL EXTEND PAST FOAM INTO DRAIN

REMOVE PLUG

COATINGS EXTEND INTO DRAIN

DFD STANDARD POLYURETHANE SPRAY FOAM
FLUID COATING DETAILS

State of Wisconsin
Department of Administration
Division of Facilities Development
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP PRIOR TO SPRAY FOAM APPLICATION

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

WOOD BLOCKING

NEW PRIMED METAL FOAM STOP

CAULKING—DOUBLE BEAD

EXISTING ROOF DECK OR MEMBRANE

NEW OR EXISTING GUTTER

ROOF GUTTER DETAIL

NO SCALE:

DFD STANDARD POLYURETHANE SPRAY FOAM
FLUID COATING DETAILS

State of Wisconsin
Department of Administration
Division of Facilities Development

Agency / Institution:

ROOF GUTTER DETAIL  10/01/2012

Sheet Title:

Sheet Number A6.8
NEW FOAM—STOP FASCIA DRIP EDGE DETAIL

COATING EXTENDS TO EDGE

NEW PRIMED METAL FOAM—STOP

EXISTING FLASHING

WOOD BLOCKING AS NEEDED

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

NOTE:
CONTRACTOR TO INSTALL METAL FOAM—STOP PRIOR TO SPRAY FOAM APPLICATION
DRAINAGE SCUPPER DETAIL

1

A6.10

NO SCALE:

METAL CONDUCTOR HEAD W/DOWNSPOUT

NEW OR EXISTING SCUPPER

SPECIFIED COATING

APPLY APPROVED SEALANT OVER GROUND/SHAVEN FOAM

(SPF) SPRAY POLYURETHANE FOAM

GRIND/SHAVE TAPER TO SCUPPER

EXISTING DECK OR MEMBRANE

DFD STANDARD POLYURETHANE SPRAY FOAM

FLUID COATING DETAILS

Agency / Institution:

State of Wisconsin
Department of Administration
Division of Facilities Development

Scale

Sheet Title:

SCUPPER DETAIL

10/01/2012

Sheet Number

A6.10
NEW OR EXISTING SCUPPER

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

1

A6.11

OVERFLOW SCUPPER DETAIL

NO SCALE:

State of Wisconsin
Department of Administration
Division of Facilities Development

DFD STANDARD POLYURETHANE SPRAY FOAM
FLUID COATING DETAILS

Sheet Title: OVERFLOW SCUPPER DETAIL
Sheet Number: A6.11

Date: 10/01/2012
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP PRIOR TO SPRAY FOAM APPLICATION

NEW PRIMED METAL FOAM-STOP

COATING EXTENDS TO EDGE

EXISTING FLASHING

MIN. 1/2" LONGER REPLACEMENT FASTENERS

NEW PRIMED METAL FOAM-STOP

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

EXISTING FASCIA NEW FOAM-STOP DETAIL

A6.12

NO SCALE:
NEW 2-PC FASCIA FOAM-STOP DETAIL

NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP
PRIOR TO SPRAY FOAM APPLICATION
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP
PRIOR TO SPRAY FOAM APPLICATION

NEW PRIMED METAL FOAM-STOP

REMOVE EXISTING FLASHING AND
REPLACE WITH NEW FOAM-STOP

1 PART POLYURETHANE SEALANT

COATING EXTENDS OVER TOP OF
NEW FOAM-STOP

NEW SPF

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK or MEMBRANE

REGLET & 2 PC. COUNTERFLASHING
NEW FOAM-STOP DETAIL

NO SCALE:
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP
PRIOR TO SPRAY FOAM APPLICATION

1 PART POLYURETHANE SEALANT
COATING EXTENDS OVER TOP OF NEW FOAM-STOP
SPECIFIED COATING
(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

CUT REGLET WITH
NEW FOAM-STOP DETAIL

A6.15

DFD STANDARD POLYURETHANE SPRAY FOAM
FLUID COATING DETAILS

Sheet Title: CUT REGLET WITH NEW FOAM-STOP DETAIL
Sheet Number: A6.15
Date: 10/01/2012
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP
PRIOR TO SPRAY FOAM APPLICATION

EXISTING CONCRETE WALL
SEALANT
BUTYL TAPE BACKER
COATING EXTENDS OVER NEW FOAM-STOP
2" MIN.

PREFINISHED METAL SURFACE MOUNTED COUNTER FLASHING/FOAM STOP ANCHORED (8") O.C.

SPECFIED COATING
(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE.

SURFACE MOUNT COUNTERFLASHING DETAIL
NO SCALE:

State of Wisconsin
Department of Administration
Division of Facilities Development

DFD STANDARD POLYURETHANE SPRAY FOAM
FLUID COATING DETAILS

DFD Number
Set
Type
Date Issued

Sheet Title:
SURFACE MOUNT COUNTERFLASHING DETAIL  10/01/2012

Sheet Number A6.16
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP
PRIOR TO SPRAY FOAM APPLICATION

EXISTING WINDOW FRAME/COUNTERFLASHING
CONFIGURATION MAY VARY

NEW PRIMED METAL FOAM-STOP
FASTENERS NOT REQUIRED

COATING EXTENDS OVER
NEW FOAM-STOP

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

WINDOW COUNTERFLASHING
NEW FOAM-STOP DETAIL

NO SCALE:
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP PRIOR TO SPRAY FOAM APPLICATION

EXISTING COPING COUNTERFLASHING CONFIGURATION MAY VARY

NEW PRIMED METAL FOAM-STOP FASTENERS NOT REQUIRED

COATING EXTENDS OVER NEW FOAM-STOP

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

PARAPET CAP COUNTERFLASHING
NEW FOAM-STOP DETAIL

NO SCALE:

1 A6.18

DFD STANDARD POLYURETHANE SPRAY FOAM
FLUID COATING DETAILS
NOTE:
CONTRACTOR TO INSTALL METAL FOAM–STOP
PRIOR TO SPRAY FOAM APPLICATION

NEW OR EXISTING PRE FINISHED METAL COPING W/CONTINUOUS CLEAT
TAPERED WEDGE SHIM IF NEEDED

COATING EXTENDS OVER NEW FOAM–STOP
NEW FOAM STOP
SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE
NOTE:
CONTRACTOR TO INSTALL METAL FOAM-STOP
PRIOR TO SPRAY FOAM APPLICATION

WOOD BLOCKING IF NEEDED TO REACH
8" MIN. FLASHING HEIGHT

COMPRESSIBLE INSULATION

FLEXIBLE FLASHING

8" MIN.

PREFINISHED METAL EXPANSION
JOURNAL COVER

COATING EXTENDS OVER
NEW FOAM-STOP

NEW FOAM STOP

SPECIFIED COATING

SPRAY POLYURETHANE
FOAM (SPF)

EXISTING DECK OR MEMBRANE

EXISTING DECK OR MEMBRANE

EXP. JT. DETAIL

NO SCALE:

A6.20
NOTE:
1. CONTRACTOR MAY HAVE TO CUT OUT EXISTING INSULATION TO INSTALL WOOD BLOCKING.
2. CONTRACTOR MAY USE EXISTING WOOD CONSTRUCTION IF IN SOUND CONDITION
3. CONTRACTOR TO INSTALL METAL FOAM-STOP PRIOR TO SPRAY FOAM APPLICATION

1 PART POLYURETHANE SEALANT
NEW OR EXISTING REGLET
NEW OR EXISTING METAL RECEIVER
NEW OR EXISTING METAL CAP OR COUNTER FLASHING
METAL EXPANSION JOINT COVER
ADHERE MEMBRANE TO WALL
NEW METAL FOAM-STOP
PRIME WOOD BLOCKING PER MANUFACTURER
SPECIFIED COATING (RUN OVER TOP OF FOAM STOP)
SPRAY POLYURETHANE FOAM (SPF)
EXISTING DECK OR MEMBRANE
NEW AND/OR EXISTING WOOD BLOCKING
COMPRESSIBLE INSULATION

WALL EXP. JOINT DETAIL
NO SCALE:

DFD STANDARD POLYURETHANE SPRAY FOAM FLUID COATING DETAILS

State of Wisconsin
Department of Administration
Division of Facilities Development

Agency / Institution:

Sheet Title: WALL EXP. JOINT DETAIL
Sheet Number A6.21

Date Issued: 10/01/2012
NOTE:
CONTRACTOR TO INSTALL METAL FOAM—STOP
PRIOR TO SPRAY FOAM APPLICATION

APPLY SEALANT AT
OUTSIDE OF FINISHED CORNER
UNDER FOLD PIECE AND DOWN
FACE OF SEAM

NEW METAL FOAM—STOP
MIN. 1 1/2"

EXISTING CURB HOOD

COATING EXTENDS OVER TOP OF
NEW FOAM—STOP

SPECIFIED COATING

(SPF) SPRAY POLYURETHANE FOAM

EXISTING DECK OR MEMBRANE

HOOK ADJOINING PIECE ON CORNER

REMOVE TAB

FOLD TO MATCH
OPPOSITE SIDE

FOLD

TWO BEADS OF
SEALANT AT CORNER

FASTEN AS NEEDED

EXISTING DECK OR MEMBRANE

ROOF CURB WITH
NEW FOAM—STOP DETAIL

1

A6.23
SPF TO SHINGLE TIE INN DETAIL

1

A6.24

NO SCALE:
UNIVERSAL CORNER FOAM-STOP DETAIL

NOTE:
1: CONTRACTOR TO INSTALL METAL FOAM-STOP PRIOR TO SPRAY FOAM APPLICATION
2: SEAL ALL INSIDE AND OUTSIDE CORNERS ALL LAPPED JOINTS AND ANY IRREGULARITIES IN FOAM-STOP METAL PRIOR TO COATING APPLICATION