<table>
<thead>
<tr>
<th>Index Sheet 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DW-2000 - HORIZONTAL INSTALLATION</td>
</tr>
<tr>
<td>AR-PJ-01-DW2H 2&quot; HORIZONTAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-02-DW2H 2&quot; VERTICAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-03-DW2H 2.5&quot; HORIZONTAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-04-DW2H 2.5&quot; VERTICAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-05-DW2H 3&quot; HORIZONTAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-06-DW2H 3&quot; VERTICAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-07-DW2H 4&quot; HORIZONTAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-08-DW2H 4&quot; VERTICAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-09-DW2H CUSTOM REVEAL</td>
</tr>
<tr>
<td>AR-PJ-10-DW2H 2&quot; PANEL WITH TIGHT JOINT</td>
</tr>
<tr>
<td>AR-PJ-11-DW2H 2.5&quot; PANEL WITH TIGHT JOINT</td>
</tr>
<tr>
<td>AR-PJ-12-DW2H 3&quot; PANEL WITH TIGHT JOINT</td>
</tr>
<tr>
<td>AR-PJ-13-DW2H 4&quot; PANEL WITH TIGHT JOINT</td>
</tr>
<tr>
<td>AR-PJ-14-DW2H DW-2000S PANEL PROFILE</td>
</tr>
<tr>
<td>AR-PJ-15-DW2H DW-2000R PANEL PROFILE</td>
</tr>
<tr>
<td>AR-PJ-16-DW2H DW-2000R 2.5&quot; HORIZONTAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-17-DW2H DW-2000R 2.5&quot; VERTICAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-18-DW2H DW-2000R 3&quot; HORIZONTAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-19-DW2H DW-2000R 3&quot; VERTICAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-20-DW2H DW-2000R 4&quot; HORIZONTAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-21-DW2H DW-2000R 4&quot; VERTICAL PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-22-DW2H DW-2000R PANEL INTEGRATION</td>
</tr>
<tr>
<td>AR-PJ-23-DW2H DW-2000R ALTERNATE PANEL PROFILE 12&quot;</td>
</tr>
<tr>
<td>AR-PJ-24-DW2H DW-2000R ALTERNATE PANEL PROFILE 24&quot;</td>
</tr>
<tr>
<td>AR-PJ-25-DW2H DW-2000H TO DW-2000V TRANSITION</td>
</tr>
<tr>
<td>AR-PJ-26-DW2H THERMAL VERTICAL JOINT W/ EXTRUSION</td>
</tr>
<tr>
<td>AR-PJ-27-DW2H 2&quot; VERTICAL JOINT W/ EXTRUSION</td>
</tr>
<tr>
<td>AR-PJ-28-DW2H 3&quot; VERTICAL JOINT W/ EXTRUSION</td>
</tr>
<tr>
<td>AR-PJ-29-DW2H RADIUS PANEL JOINT</td>
</tr>
<tr>
<td>AR-PJ-30-DW2H BLOCK SPLINE VERTICAL JOINT</td>
</tr>
<tr>
<td>AR-PJ-31-DW2H 3&quot; TO 2&quot; PANEL INTEGRATION</td>
</tr>
<tr>
<td>AR-PJ-32-DW2H 2&quot; TO 3&quot; PANEL INTEGRATION</td>
</tr>
<tr>
<td>AR-PJ-33-DW2H 4&quot; TO 3&quot; PANEL INTEGRATION</td>
</tr>
<tr>
<td>AR-PJ-34-DW2H 3&quot; TO 4&quot; PANEL INTEGRATION</td>
</tr>
<tr>
<td>Code</td>
</tr>
<tr>
<td>--------------</td>
</tr>
<tr>
<td>AR-PJ-35-DW2H</td>
</tr>
<tr>
<td>AR-PJ-36-DW2H</td>
</tr>
<tr>
<td>AR-PJ-37-DW2H</td>
</tr>
<tr>
<td>AR-BS-01-DW2H</td>
</tr>
<tr>
<td>AR-BS-02-DW2H</td>
</tr>
<tr>
<td>AR-BS-03-DW2H</td>
</tr>
<tr>
<td>AR-BS-04-DW2H</td>
</tr>
<tr>
<td>AR-BS-05-DW2H</td>
</tr>
<tr>
<td>AR-BS-06-DW2H</td>
</tr>
<tr>
<td>AR-OC-01-DW2H</td>
</tr>
<tr>
<td>AR-OC-02-DW2H</td>
</tr>
<tr>
<td>AR-OC-03-DW2H</td>
</tr>
<tr>
<td>AR-OC-04-DW2H</td>
</tr>
<tr>
<td>AR-IC-01-DW2H</td>
</tr>
<tr>
<td>AR-IC-02-DW2H</td>
</tr>
<tr>
<td>AR-IC-03-DW2H</td>
</tr>
<tr>
<td>AR-IC-04-DW2H</td>
</tr>
<tr>
<td>AR-FO-01-DW2H</td>
</tr>
<tr>
<td>AR-FO-02-DW2H</td>
</tr>
<tr>
<td>AR-FO-03-DW2H</td>
</tr>
<tr>
<td>AR-FO-04-DW2H</td>
</tr>
<tr>
<td>AR-FO-05-DW2H</td>
</tr>
<tr>
<td>AR-FO-06-DW2H</td>
</tr>
<tr>
<td>AR-FO-07-DW2H</td>
</tr>
<tr>
<td>AR-FO-08-DW2H</td>
</tr>
<tr>
<td>AR-FO-09-DW2H</td>
</tr>
<tr>
<td>AR-FO-10-DW2H</td>
</tr>
<tr>
<td>AR-FO-11-DW2H</td>
</tr>
<tr>
<td>AR-FO-12-DW2H</td>
</tr>
<tr>
<td>AR-FO-13-DW2H</td>
</tr>
<tr>
<td>AR-FO-14-DW2H</td>
</tr>
<tr>
<td>AR-FO-15-DW2H</td>
</tr>
<tr>
<td>AR-SF-01-DW2H</td>
</tr>
<tr>
<td>AR-SF-02-DW2H</td>
</tr>
</tbody>
</table>
DW-2000 - HORIZONTAL INSTALLATION

AR-SF-03-DW2H  WALL TO FIELD CUT SOFFIT
AR-SF-04-DW2H  FIELD CUT SOFFIT AND FASCIA
AR-PR-01-DW2H  INTEGRATED PARAPET COPING
AR-PR-02-DW2H  PARAPET W/ FLUSH TRIM
AR-PR-03-DW2H  PARAPET W/ FLUSH EXTRUSION
AR-SE-01-DW2H  SLAB EDGE DETAIL
AR-SE-02-DW2H  SLAB EDGE DETAIL
AR-SE-03-DW2H  SLAB EDGE DETAIL
AR-SE-04-DW2H  SLAB EDGE DETAIL
AR-SE-05-DW2H  SLAB EDGE DETAIL
AR-SM-01-DW2H  2" SEISMIC DRIFT JOINT
AR-SM-02-DW2H  3" SEISMIC DRIFT JOINT
AR-SJ-01-DW2H  2" STAGGERED PANEL JOINT
AR-SJ-02-DW2H  2.5", 3", 4" STAGGERED PANEL JOINT
AR-SJ-03-DW2H  2" STAGGERED PANEL JOINT W/ BLOCK SPLINE
AR-SJ-04-DW2H  3" STAGGERED PANEL JOINT W/ BLOCK SPLINE
AR-TL-01-DW2H  BEAM PENETRATION
AR-TL-02-DW2H  WALL PENETRATION SECTION
AR-TL-03-DW2H  PIPE PENETRATION
AR-TL-04-DW2H  2" EXTRUSIONS
AR-TL-05-DW2H  2" EXTRUSIONS
AR-TL-06-DW2H  2.5" EXTRUSIONS
AR-TL-07-DW2H  2.5" EXTRUSIONS
AR-TL-08-DW2H  3" EXTRUSIONS
AR-TL-09-DW2H  3" EXTRUSIONS
AR-TL-10-DW2H  4" EXTRUSIONS
AR-TL-11-DW2H  4" EXTRUSIONS
AR-TL-12-DW2H  EXTRUSION LAP STRIPS
AR-TL-13-DW2H  TRIM END LAP
AR-TL-14-DW2H  TRIM LAP WITH HEM
AR-TL-15-DW2H  MENDING PLATE "SHINGLE" LAP
AR-TL-16-DW2H  COPING LAP WITH LAP STRIP
AR-TL-17-DW2H  TRIM AT FRAMED OPENING
AR-TL-18-DW2H  ACCESSORIES

INDEX SHEET 3

DETAIL #: XX-XX-XX-DW2H
DATE: 11/26/16

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www.kingspanpanels.ca
DISCLAIMERS:

THESE DETAILS ARE PROVIDED AS A GUIDELINE FOR PROPER PANEL AND ASSOCIATED COMPONENT INSTALLATION, AND ARE BASED ON INDUSTRY ACCEPTED PRACTICES.

LOCATION OF VAPOR BARRIERS AND ASSOCIATED SEALANTS IN THESE DETAILS ARE BASED ON TYPICAL DESIGN PRACTICES FOR MOST U.S. CLIMACTIC ZONES. (THE PRIMARY VAPOR BARRIER IS PLACED ON THE "WARM" SIDE IN WINTER).

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS.

EXTRUSION SHAPES / ENGAGEMENT MAY VARY FROM THOSE SHOWN.

PROJECTS LOCATED IN AREAS SUBJECT TO EXTREME COLD AND/OR HIGH SNOW LOADS MAY REQUIRE MODIFICATIONS TO THESE DETAILS - CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT RECOMMENDATIONS.

ALL STRUCTURAL SUPPORTS ARE NOT BY KINGSPAN AND ARE SHOWN FOR CLARIFICATION PURPOSES ONLY.
DIRECTION OF INSTALLATION

24", 30" OR 36" MODULE

S.S. FASTENING CLIP WITH PVC FASTENING CLIP

1 REVEAL

FACE SHEET WEDGE GASKET

2" HORIZONTAL PANEL JOINT

S.S. BI-METAL TEK 3 SCREW

FACE OF PANEL

STANDARD INTERLOCK JOINT FINNED GASKET

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

2" REVEAL

FASTENING CLIP

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

2" HORIZONTAL PANEL JOINT

DETAIL #: AR-PJ-01-DW2H

DATE: 11/26/16

www.kingspanpanels.us
www.kingspanpanels.ca
2" VERTICAL PANEL JOINT

6" RECOMMENDED BEARING

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT LINER SIDE GASKET

CONTINUOUS MENDING PLATE

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

PANEL LENGTH MEASURED TO HERE

PANEL LENGTH MEASURED TO HERE

2" PANEL LENGTH MEASURED TO HERE

1/2"

FRAMING BY OTHERS

DETAIL #: AR-PJ-02-DW2H

DATE: 11/26/16
S.S. FASTENING CLIP WITH PVC
24", 30" OR 36" MODULE
DIRECTION OF INSTALLATION
FASTENING CLIP
FACE OF PANEL
STANDARD INTERLOCK
JOINT FINNED GASKET
FACE SHEET WEDGE GASKET
S.S. BI-METAL TEK 3 SCREW
S.S. FASTENING CLIP WITH PVC
FOAM TAPE STRIP SEAL
VERTICAL SUPPORTS
BY OTHERS

2" REVEAL
2½"

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

2.5" HORIZONTAL PANEL JOINT

DETAIL #: AR-PJ-03-DW2H
DATE: 11/26/16
2.5" VERTICAL PANEL JOINT

DETAIL #: AR-PJ-04-DW2H
DATE: 11/26/16
DIRECTION OF INSTALLATION

24", 30" OR 36" MODULE

3"

FACE OF PANEL

FACE SHEET WEDGE GASKET

STANDARD INTERLOCK
JOINT FINNED GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC
FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS
BY OTHERS

3"

FASTENING CLIP

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

3" HORIZONTAL PANEL JOINT

DETAIL #: AR-PJ-05-DW2H
DATE: 11/26/16

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CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT LINER SIDE GASKET

CONTINUOUS MENDING PLATE

FRAMING BY OTHERS

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

PANEL LENGTH MEASURED TO HERE

6" RECOMMENDED BEARING

3" VERTICAL PANEL JOINT

DETAIL #: AR-PJ-06-DW2H
DATE: 11/26/16
24", 30" OR 36" MODULE

DIRECTION OF INSTALLATION

4"

FACE OF PANEL

FACE SHEET WEDGE GASKET

STANDARD INTERLOCK JOINT FINNED GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

FACE SHEET WEDGE GASKET

CONTACT KINGSSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

4" HORIZONTAL PANEL JOINT

DETAIL #: AR-PJ-07-DW2H

DATE: 11/26/16
4" VERTICAL PANEL JOINT

DETAIL #: AR-PJ-08-DW2H
DATE: 11/26/16
NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED AT TERMINATIONS

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS
DW-2000 - HORIZONTAL INSTALLATION

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

2" PANEL WITH TIGHT JOINT

DETAIL #: AR-PJ-10-DW2H
DATE: 11/26/16

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www.kingspanpanels.ca
S.S. FASTENING CLIP WITH PVC
24", 30" OR 36" MODULE

DIRECTION OF INSTALLATION

FACE OF PANEL

24", 30" OR 36" MODULE

2½"

FASTENING CLIP

STANDARD INTERLOCK JOINT FINNED GASKET

FACE SHEET WEDGE GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

2.5" PANEL WITH TIGHT JOINT

DETAIL #: AR-PJ-11-DW2H
DATE: 11/26/16

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www.kingspanpanels.ca
DIRECTION OF INSTALLATION

24", 30" OR 36" MODULE

3" NOMINAL JT.

FACE OF PANEL

FACE SHEET WEDGE GASKET

STANDARD INTERLOCK JOINT FINNED GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

3" PANEL WITH TIGHT JOINT

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

DETAIL #: AR-PJ-12-DW2H
DATE: 11/26/16

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DW-2000 - HORIZONTAL INSTALLATION

24", 30" OR 36" MODULE

DIRECTION OF INSTALLATION

4"

FACE OF PANEL

24", 30" OR 36" MODULE

1/16" NOMINAL JT.

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

FACE SHEET WEDGE GASKET

STANDARD INTERLOCK JOINT FINNED GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

FACE SHEET WEDGE GASKET

FASTENING CLIP

4" PANEL WITH TIGHT JOINT

DETIAL #: AR-PJ-13-DW2H

DATE: 11/26/16

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www.kingspanpanels.ca
STANDARD INTERLOCK
JOINT FINNED GASKET

FACE SHEET WEDGE GASKET

REVEAL

FACE OF PANEL

24", 30", OR 36" MODULE STANDARD

1 1/4" STRIATION PITCH

STRIATED FACE SHEET
STRIATION DEPTH
.035 INCH

2", 2.5", 3", OR 4"

DW-2000S PANEL
PROFILE

DETAIL #: AR-PJ-14-DW2H
DATE: 11/26/16
12", 16", 20", OR 24" MODULE AVAILABLE

4" RIB SPACING

STANDARD INTERLOCK
JOINT FINNED GASKET

FACE SHEET
WEDGE GASKET

DW-2000R PANEL
PROFILE

DETAIL #: AR-PJ-15-DW2H
DATE: 11/26/16
DIRECTION OF INSTALLATION

Vertically, supports can be 12", 16", 20", or 24" module face of panel by others.

Contact KingSpan technical services for specific project fastening requirements.

FASTENING CLIP

DW-2000R 2.5"
HORIZONTAL PANEL JOINT

DATE: 11/26/16
CONTINUOUS BUTYL SEALANT
WITH MARRIAGE BEAD TO
HORIZONTAL PANEL JOINT
LINER SIDE GASKET

CONTINUOUS MENDING PLATE

FASTENING CLIP WITH
S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

6" RECOMMENDED BEARING

2-1/2"

1/2"

FACTORY END CAP
STAMPED TO MATCH
RIBBED PROFILE

DW-2000R - HORIZONTAL INSTALLATION

DW-2000R 2.5"
VERTICAL PANEL JOINT

DETAIL #: AR-PJ-17-DW2H
DATE: 11/26/16
www.kingspanpanels.us
www.kingspanpanels.ca
DIRECTION OF INSTALLATION

VERTICAL SUPPORTS
12", 16", 20", OR 24" MODULE

STANDARD INTERLOCK
JOINT FINNED GASKET

FACE OF
PANEL

7/8"
3"

FACE SHEET WEDGE GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC
FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS
BY OTHERS

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

DW-2000R - HORIZONTAL INSTALLATION

FASTENING CLIP

DW-2000R 3"
HORIZONTAL
PANEL JOINT

DETAIL#: AR-PJ-18-DW2H
DATE: 11/26/16

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CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT LINER SIDE GASKET

CONTINUOUS MENDING PLATE

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

6" RECOMMENDED BEARING

FACTORY END CAP STAMPED TO MATCH RIBBED PROFILE

PANEL LENGTH MEASURED TO HERE

PANEL LENGTH MEASURED TO HERE

DW-2000R 3" VERTICAL PANEL JOINT

DETAIL #: AR-PJ-19-DW2H

DATE: 11/26/16
VERTICAL SUPPORTS

12", 16", 20", OR 24" MODULE

DIRECTION OF INSTALLATION

FACE OF PANEL

FACE SHEET WEDGE GASKET

STANDARD INTERLOCK

JOINT FINNED GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS

BY OTHERS

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

FASTENING CLIP

DW-2000R 4"

HORIZONTAL PANEL JOINT

DATE: 11/26/16

DETAIL #: AR-PJ-20-DW2H
CONTINUOUS BUTYL SEALANT
WITH MARRIAGE BEAD TO
HORIZONTAL PANEL JOINT LINER SIDE GASKET

FRAMING BY OTHERS

CONTINUOUS MENDING PLATE

6" RECOMMENDED BEARING

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

FACTORY END CAP STAMPED TO MATCH RIBBED PROFILE

PANEL LENGTH MEASURED TO HERE

PANEL LENGTH MEASURED TO HERE

4"

6/2"

DW-2000R 4" VERTICAL PANEL JOINT

DETAIL #: AR-PJ-21-DW2H

DATE: 11/26/16

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www.kingspanpanels.ca
DW-2000R PANEL INTEGRATION

DETAIL #: AR-PJ-22-DW2H
DATE: 11/26/16

DESIGNWALL 2000H PANEL

VERTICAL SUPPORTS BY OTHERS

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

S.S. BI-METAL TEK 3 SCREW

4" RIB SPACING

12" MODULE SHOWN
DW-2000 - HORIZONTAL INSTALLATION

12" MODULE
4" SPACING
8" SPACING

STANDARD INTERLOCK
JOINT FINNED GASKET

FACE SHEET
WEDGE GASKET

DESIGNWALL 2000R ALTERNATE "459" PROFILES

2000R ALTERNATE
PROFILES 12"

DETAIL #: AR-PJ-23-DW2H
DATE: 11/26/16

www.kingspanpanels.us
www.kingspanpanels.ca
2000R ALTERNATE PROFILE 24"

DETAIL #: AR-PJ-24-DW2H
DATE: 11/26/16

DESIGNWALL 2000R ALTERNATE "459" PROFILES
6" RECOMMENDED BEARING

CONTINUOUS BUTYL SEALANT
WITH MARRIAGE BEAD TO
HORIZONTAL PANEL JOINT
LINER SIDE GASKET

FASTENING CLIP WITH
S.S. BI-METAL TEK 3 SCREW

MODIFIED EDGE ON
VERTICAL PANEL

FRAMING
BY OTHERS

VERTICAL JOINT GASKET

2", 2 1/2", 3", OR 4"

DESIGNWALL
2000H PANEL

DESIGNWALL
2000V PANEL

HORIZONTAL PANEL LENGTH MEASURED HERE

1/2"

VERTICAL PANEL MEASURED HERE

DW-2000H TO
DW-2000V TRANSITION

DETAIL #: AR-PJ-25-DW2H
DATE: 11/26/16
ALUMINUM TOP HAT JOINT EXTRUSION

ALUMINUM FLUSH INSERT

ALUMINUM RECESSED INSERT

6" RECOMMENDED BEARING

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT LINER SIDE GASKET

MENDING PLATE OR STUD TRACK

PLUG ENDS OF HORIZ. JOINTS WITH SILICONE SEALANT*

PVC FOAM STRIP

ALUMINUM TOP HAT JOINT EXTRUSION ALTERNATIVES

BLACK EPDM GASKET

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

FRAMING BY OTHERS

6" RECOMMENDED BEARING

2", 2 1/2", 3", OR 4"

7/8" 3/4" 7/8"

2 1/2"

THERMAL VERTICAL JOINT W/ EXTRUSION

*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED AT TERMINATIONS
*NOTE: 2-PC VERTICAL JOINT EXTRUSION AVAILABLE FOR 2" AND 3" PANELS ONLY

*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED AT TERMINATIONS
*NOTE: 2-PC VERTICAL JOINT EXTRUSION AVAILABLE FOR 2" AND 3" PANELS ONLY

*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED AT TERMINATIONS
MOCK INTERLOCK
JOINT EXTRUSIONS
STRETCH-FORMED
TO RADIUS
PAN EDGES
ON FACINGS
W/ SEALANT
SOLID BACKER WITH
NO KERF CUTS
RADIUS PER
PROJECT
REQUIREMENTS
24" MINIMUM

PANELS CURVED "HARD WAY" - CURVED JOINT

*NOTE: RADIUSES LARGER THAN 80 FT DO NOT REQUIRE MOCK INTERLOCK JOINT EXTRUSIONS
STANDARD HORIZONTAL JOINT CONFIGURATION WILL BE USED
DW-2000 - HORIZONTAL INSTALLATION

CONTINUOUS MENDING PLATE

INSULATED METAL FACED BLOCK SPLINE

FRAMING BY OTHERS

FIELD APPLIED SILICONE

LINE OF HORIZ. REVEAL

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT LINER SIDE GASKET

7" BEARING

2½"

PANEL LENGTH MEASURED TO HERE

PANEL LENGTH MEASURED TO HERE

FACED BLOCK SPLINE

BLOCK SPLINE TO 8" MAX.

INSULATED METAL FACED BLOCK SPLINE

FIELD APPLIED SILICONE

LINE OF HORIZ. REVEAL

REVEALS TO 6" MAX.

FIELD APPLIED SILICONE

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT LINER SIDE GASKET

2", 2.5", 3", OR 4"

FACED BLOCK SPLINE TO 8" MAX.
DIRECTION OF INSTALLATION

VERTICAL SUPPORTS

24", 30" OR 36" MODULE

SPECIFY DEEP JOINT PROFILE ON 3" PANEL

3"

BACK EDGE OF TRIMLESS END

STANDARD INTERLOCK JOINT FINNED GASKET

FACE SHEET WEDGE GASKET

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

FASTENING CLIP

USE VERTICAL JOINT GASKET FOR 2" PANEL

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

3" TO 2" PANEL INTEGRATION

DETAIL #: AR-PJ-31-DW2H
DATE: 11/26/16
2" TO 3" PANEL INTEGRATION

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

DETAIL #: AR-PJ-32-DW2H
DATE: 11/26/16

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DW-2000 - HORIZONTAL INSTALLATION

SPECIFY DEEP JOINT PROFILE ON 4" PANEL

BACKGROUND OF TRIMLESS END

STANDARD INTERLOCK JOINT FINNED GASKET

FACE SHEET WEDGE GASKET

S.S. BI-METAL TEK 3 SCREW

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

USE VERTICAL JOINT GASKET FOR 3" PANEL

FASTENING CLIP

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

4" TO 3" PANEL INTEGRATION

DETAIL #: AR-PJ-33-DW2H

DATE: 11/26/16

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3" TO 4" PANEL INTEGRATION

DETAIL #: AR-PJ-34-DW2H
DATE: 11/26/16

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS
ALWAYS ATTACH HORIZONTAL PANELS TO VERTICALLY ORIENTED SUPPORTS
ALWAYS ATTACH HORIZONTAL PANELS TO VERTICALLY ORIENTED SUPPORTS

VERTICAL STUDS

HORIZONTAL PANELS

SHEATHING OPTIONAL

PANELS OVER METAL STUDS

DETAIL #: AR-PJ-36-DW2H

DATE: 11/26/16
PANELS OVER CONCRETE

DETAIL #: AR-PJ-37-DW2H
DATE: 11/26/16

ALWAYS ATTACH HORIZONTAL PANELS TO VERTICALLY ORIENTED SUPPORTS

VERTICAL SUBGIRTS

HORIZONTAL PANELS

PRECAST OR CMU WALL
CONCEALED BASE EXTRUSION
FABRICATED BASE TRIM
BED SEAL TO CONCRETE
2", 2.5", 3", OR 4"
CONTINUOUS BUTYL SEALANT
FIELD DRILL 3/8" Ø
WEEP HOLE AT BASE OF EACH VERTICAL JOINT
FIELD DRILL 1/4" Ø
WEEP HOLE AT BASE OF EACH VERTICAL JOINT
WEEP HOLE AT BASE OF EACH VERTICAL JOINT
DW-2000 - HORIZONTAL INSTALLATION

2", 2.5", 3", OR 4"

2", 2.5", 3", OR 4"

LOW PROFILE FASTENERS NOT BY KINGSPAN

FIELD DRILL 3/8" Ø
WEEP HOLE AT BASE OF EACH VERTICAL JOINT

CONTINUOUS BUTYL SEALANT

CONCEALED BASE EXTRUSION

FIELD DRILL 1/4" Ø
WEEP HOLES 24" o.c.

BASE DETAIL - OVERHANG

DETAIL #: AR-BS-02-DW2H
DATE: 11/26/16
OVER FLASHING.

"SHINGLE" LAP MENDING PLATE

FLASHING BEHIND AND UNDER BASE EXTRUSION

6" REC.

OR FIELD APPLIED BACKER ROD AND SEALANT PLATE

CONTINUOUS MENDING PLATE

BUTYL SEALANT

CONTINUOUS BEADS

"SHINGLE" LAP MENDING PLATE OVER FLASHING.

BASE EXTRUSION

W/ BUTYL SEALANT BELOW

FIELD DRIL 3/8" WEEP HOLE AT BASE OF EACH VERTICAL JOINT

SEALANT (NOT BY KINGSPAN)

BASE DETAIL AT VERTICAL JOINT (FLUSH)

DETAIL #: AR-BS-03-DW2H

DATE: 11/26/16
DW-2000 - HORIZONTAL INSTALLATION

BASE DETAIL AT VERTICAL JOINT (OVERHANG)

DETAIL #: AR-BS-04-DW2H
DATE: 11/26/16

- VERTICAL JOINT GASKET (SHOWN) OR FIELD APPLIED BACKER ROD AND SEALANT
- BASE EXTRUSION W/ BUTYL SEALANT BELOW
- FIELD DRIL 3/8" WEEP HOLE AT BASE OF EACH VERTICAL JOINT
- SEALANT (NOT BY KINGSPAN)
- CONTINUOUS MENDING PLATE
- BUTYL SEALANT CONTINUOUS BEADS
- 6" REC.
LOW PROFILE FASTENERS NOT BY KINGSPAN

FIELD CUT PANEL TO SUIT

STANDARD BASE EXTRUSION

FIELD DRILL 1/4" Ø WEEP HOLES 24" o.c.

FIELD CUT 6" SPLICE PLATE FROM STOCK LENGTH SPLICE EXTRUSION

CONTINUOUS BUTYL SEALANT

2", 2.5", 3", OR 4"

BASE DETAIL - FIELD CUT W/ OVERHANG

DETAIL #: AR-BS-05-DW2H
DATE: 11/26/16

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CONTINUOUS BUTYL SEALANT

LOW PROFILE FASTENERS NOT BY KINGSPAN

FIELD CUT PANEL TO SUIT

STANDARD BASE EXTRUSION

FIELD DRILL 1/4" Ø WEEP HOLES 24" o.c.

BED SEAL TO CONCRETE

FABRICATED BASE TRIM

2", 2.5", 3", OR 4"
FRAMING BY OTHERS

CONTINUOUS MENDING PLATE

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

FACTORY TRANSVERSE BEND

SHORT LEG 4'-0 MAXIMUM, CONSULT KINGSPAN FOR MAX. PANEL LENGTH

*NOTE: FACTORY TRANSVERSE BEND ANGLE MAY VARY BASED ON SPECIFIC PROJECT REQUIREMENTS
CONTINUOUS MENDING PLATE

FRAMING BY OTHERS

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

2", 2.5", 3", OR 4"

*NOTE: TRIMLESS END ANGLE MAY VARY BASED ON SPECIFIC PROJECT REQUIREMENTS

*NOTE: DETAIL NOT AVAILABLE WITH RIBBED PROFILES

45° TRIMLESS END CORNER

DETAIL #: AR-OC-02-DW2H

DATE: 11/26/16
CONTINUOUS MENDING PLATE

FRAMING BY OTHERS

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

FULL WRAP END

*NOTE: DETAIL NOT AVAILABLE WITH RIBBED PROFILES
OUTSIDE CORNER WITH 2 PIECE EXTRUSION

DETAIL #: AR-OC-04-DW2H
DATE: 11/26/16

2-PC OUTSIDE CORNER EXTRUSION

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

PLUG ENDS OF HORIZONTAL JOINTS WITH SILICONE SEALANT*

FIELD CUT PANELS TO SUIT

2" 2.5" 3" OR 4"

3½"

3½"

*NOTE: EXTRUSION FACE CAP FOR 4" PANEL IS 6" x 6"

*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED
NOTE: 1-PC ARROWHEAD CORNER EXTRUSION AVAILABLE FOR 2" AND 2 1/2" PANELS ONLY

NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED
FIELD CUT PANELS TO SUIT

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

FRAMING BY OTHERS

2-PC INSIDE CORNER EXTRUSION 2.5" x 2.5"

PLUG ENDS OF HORIZONTAL JOINTS WITH SILICONE SEALANT*

*NOTE: 2-PC INSIDE CORNER EXTRUSION AVAILABLE FOR 3" PANELS ONLY

*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED

INSIDE CORNER
WITH 2 PIECE EXTRUSION

DETAIL #: AR-IC-01-DW2H

DATE: 11/26/16

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CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FRAMING BY OTHERS

CONTINUOUS MENDING PLATE

PLUG ENDS OF HORIZONTAL JOINTS WITH SILICONE SEALANT*

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

VERTICAL JOINT GASKET

2", 2.5", 3", OR 4"

*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED
**DW-2000 - HORIZONTAL INSTALLATION**

- **VERTICAL JOINT GASKET**
  - 2", 2.5", 3", OR 4"
- **CONTINUOUS BUTYL SEALANT**
  - WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT
- **CONTINUOUS MENDING PLATE**
- **FRAMING BY OTHERS**
- **FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW**
- **VERTICAL JOINT GASKET**

*NOTE: TRIMLESS END ANGLE MAY VARY BASED ON SPECIFIC PROJECT REQUIREMENTS*
*NOTE: DETAIL NOT AVAILABLE WITH RIBBED PROFILES*

**INSIDE CORNER W/ 135 DEGREE TRIMLESS ENDS**

DETAIL #: AR-IC-03-DW2H
DATE: 11/26/16
NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED

FIELD CUT PANELS TO SUIT

LOW PROFILE FASTENERS NOT BY KINGSPAN

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

FRAMING BY OTHERS

1-PC ARROWHEAD INSIDE CORNER EXTRUSION 2" x 2"

PLUG ENDS OF HORIZONTAL JOINTS WITH SILICONE SEALANT*

*NOTE: 1-PC ARROWHEAD CORNER EXTRUSION AVAILABLE FOR 2" AND 2 1/2" PANELS ONLY

*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED

INSIDE CORNER W/ 1 PIECE EXTRUSION

DETAIL #: AR-IC-04-DW2H
DATE: 11/26/16
"- 14 SCREWS
EXPOSED SEALANT
(NOT BY KINGSPAN)
FRAMED OPENING
(NOT BY KINGSPAN)
CONTINUOUS BUTYL SEALANT
¼" - 14 SCREWS
CONCEALED BASE EXTRUSION
DRIP FLASHING
FIELD DRILL 1/4" Ø WEEP HOLES
EXPOSED SEALANT
(NOT BY KINGSPAN)
DOOR FRAME
(NOT BY KINGSPAN)

AND AR-TL-17-DW2H FOR TYPICAL TRIM LAP INSTRUCTIONS
2) FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED
CONTINUOUS BUTYL SEALANT

\( \frac{\text{3}}{4} \)" - 14 "LOW PROFILE" THRU-FASTENERS

POP RIVETS

EXTERIOR CAP TRIM

DRIP FLASHING

FIELD CUT PANEL TO SUIT

EXPOSED SEALANT (NOT BY KINGSPAN)

DOOR FRAME (NOT BY KINGSPAN)

FRAMED OPENING (NOT BY KINGSPAN)


2) FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED
DW-2000 - HORIZONTAL INSTALLATION

DOOR JAMB ON PANEL JOINT

DETAIL #: AR-FO-03-DW2H
DATE: 11/26/16
FRAMED OPENING
(NOT BY KINGSPAN)

DOOR FRAME
(NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT W/
MARRIAGE BEAD TO HORIZONTAL
PANEL JOINT

FASTENING CLIP WITH
S.S. BI-METAL TEK 3 SCREW

EXPOSED SEALANT
(NOT BY KINGSPAN)

FIELD CUT PANELS TO SUIT

JAMB TRIM

POP RIVETS

PLUG ENDS OF HORIZONTAL
JOINTS WITH SILICONE SEALANT*

FIELD CUT DOOR JAMB

AND AR-TL-17-DW2H FOR TYPICAL TRIM LAP INSTRUCTIONS

2) FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED

DETAIL #: AR-FO-04-DW2H
DATE: 11/26/16

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2) SEE FLUSHGLAZE 4500 & FLUSHGLAZE 7500 DETAILS FOR INTEGRATED WINDOW DESIGNS
NOTE: 1) SEE FLUSHGLAZE 4500 & FLUSHGLAZE 7500 DETAILS FOR INTEGRATED WINDOW DESIGNS
FIELD CUT PANELS WHERE REQUIRED

FRAMED OPENING (NOT BY KINGSPAN)

WINDOW FRAME (NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT W/ MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

EXPOSED SEALANT (NOT BY KINGSPAN)

SEALANT

FLASHING TRIM NOT BY KINGSPAN

FIELD CUT PANELS WHERE REQUIRED

TWO PIECE JAMB EXTRUSION

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

PLUG ENDS OF HORIZONTAL JOINTS WITH SILICONE SEALANT*

NOTE: 1) SEE FLUSHGLAZE 4500 & FLUSHGLAZE 7500 DETAILS FOR INTEGRATED WINDOW DESIGNS

2) FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED

WINDOW JAMB WITH EXTRUSION

DETAIL #: AR-FO-07-DW2H

DATE: 11/26/16
NOTE: 1) SEE FLUSHGLAZE 4500 & FLUSHGLAZE 7500 DETAILS FOR INTEGRATED WINDOW DESIGNS
CONTINUOUS BUTYL SEALANT

2", 2.5", 3", OR 4"

CONCEALED SOFFIT EXTRUSION

¾" - 14 SCREWS

FIELD DRILL 1/4" Ø WEEP HOLES (NOT BY KINGSPAN)

EXPOSED SEALANT (NOT BY KINGSPAN)

FRAMED OPENING (NOT BY KINGSPAN)

WINDOW FRAME (NOT BY KINGSPAN)

NOTE: 1) SEE FLUSHGLAZE 4500 & FLUSHGLAZE 7500 DETAILS FOR INTEGRATED WINDOW DESIGNS
CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

2", 2.5", 3", 4"

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

FRAMED OPENING (NOT BY KINGSPAN)

WINDOW FRAME (NOT BY KINGSPAN)

EXPOSED SEALANT (NOT BY KINGSPAN)

JAMB TRIM

TRIMLESS END ON PANEL

WINDOW JAMB W/ FLASHING

DETAIL #: AR-FO-10-DW2H

DATE: 11/26/16

2) FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED
EXTERIOR SILL TRIM

" - 14 "LOW PROFILE"

THRU-FASTENERS

CONTINUOUS BUTYL SEALANT


2) SEE DESIGN LOUVER DETAILS FOR INTEGRATED LOUVER APPLICATIONS

LOUVER SILL W/ FIELD CUT PANEL

DETAIL #: AR-FO-12-DW2H

DATE: 11/26/16
FIELD CUT PANELS TO SUIT

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

CONTINUOUS BUTYL SEALANT W/ MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

EXPOSED SEALANT (NOT BY KINGSPAN)

PLUG ENDS OF HORIZONTAL JOINTS WITH SILICONE SEALANT*

JAMB TRIM

FRAMED OPENING (NOT BY KINGSPAN)

LOUVER UNIT (NOT BY KINGSPAN)

POP RIVETS


2) FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED

LOUVER JAM W/ FIELD CUT PANEL

DETAIL #: AR-FO-13-DW2H

DATE: 11/26/16

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www.kingspanpanels.ca
Integrated Louver Head and Sill Detail
Horizontal Application
Design Louver

- DESIGNWALL PANEL
  2", 2 1/2", 3", OR 4"
- FIELD APPLY GASKETS
- INSTALL LOUVER SEQUENTIALLY WITH PANELS
- #14 SCREWS INTO FRAMING
- FRAMING (NOT BY KINGSPAN)

- DESIGN LOUVER BY KINGSPAN
- 4", 5", OR 6"
- CLIP ANGLES WITH #14 SCREWS INTO FRAMING

- OPTIONAL SCREEN, BLANK-OFF PANEL, OR SECURITY BARS
- DESIGN LOUVER BY KINGSPAN
- FRAMING (NOT BY KINGSPAN)

- DESIGNWALL PANEL
  2", 2 1/2", 3", OR 4"
Integrated Louver Jamb
Horizontal Application
Design Louver

Optional Screen, Blank-off Panel, or Security Bars

Framing (not by Kingspan)

Continuous Butyl Sealant with Marriage Bead to Horizontal Panel Joint

Design Louver by Kingspan

Vertical Joint Gasket

Designwall Panel 2", 2 1/2", 3", or 4"

Louver Frame Width

1/2"

INTEGRATED "DESIGN LOUVER" JAMB

DETAIL #: AR-FO-15-DW2H
DATE: 11/26/16

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CONCEALED SOFFIT EXTRUSION

CONTINUOUS BUTYL SEALANT

LOW PROFILE FASTENERS NOT BY KINGSPAN

FIELD DRILL 3/8" Ø WEEP HOLE AT BASE OF EACH VERTICAL JOINT

FIELD DRILL 1/4" Ø WEEP HOLES 24" o.c.

2", 2 1/2", 3", OR 4"

½" - 14 HEX HEAD FASTENERS

NOTE: 2" CONCEALED SOFFIT EXTRUSION CREATES DEEP JOINT

WALL TO SOFFIT

DETAIL #: AR-SF-01-DW2H
DATE: 11/26/16
DW-2000 - HORIZONTAL INSTALLATION

FACTORY LONGITUDINAL BEND

SUM OF BOTH LEGS NOT TO EXCEED STANDARD PANEL WIDTH

2", 2 1/2", 3", OR 4"

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

FRAMING BY OTHERS

FABLOK FASTENER OR TEK SCREW TO PREVENT DISENGAGEMENT

LONGITUDINAL BENT SOFFIT

DETAIL #: AR-SF-02-DW2H

DATE: 11/26/16
CONTINUOUS BUTYL SEALANT

LOW PROFILE FASTENERS NOT BY KINGSPAN

FIELD DRILL 3/8" Ø WEEP HOLE AT BASE OF EACH VERTICAL JOINT

FIELD CUT PANEL TO SUIT

FIELD CUT SOFFIT EXTRUSION

FIELD DRILL 1/4" Ø WEEP HOLES 24" o.c.

⅜"-14 DP3 CONCEALOR SCREW

2", 2 ½", 3", OR 4"
STANDARD SOFFIT EXTRUSION

LOW PROFILE FASTENERS NOT BY KINGSPAN

CONTINUOUS BUTYL SEALANT

FIELD DRILL 1/4” Ø WEEP HOLES 24” o.c.

FIELD CUT PANELS TO SUIT

2”, 2 1/2”, 3”, OR 4”

3/4”-14 DP3 CONCEALOR SCREW

FIELD CUT SOFFIT AND FASCIA

DETAIL #: AR-SF-04-DW2H
DATE: 11/26/16
INTEGRATED PARAPET COPING

DETAIL #: AR-PR-01-DW2H
DATE: 11/26/16

DW-2000 - HORIZONTAL INSTALLATION

BREAK-FORMED 6"
SPlice PLATE BED
SEALED IN SILICONE

INTEGRATED PARAPET COPING EXTRUSION

STAINLESS STEEL SCREW PAINTED
TO MATCH PANEL. 12" O.C.

FABRICATED METAL
FLASHING EXTENSION

STITCH TEKS

SILICONE TUBE SEALANT TYP.

CONTINUOUS BUTYL
SEALANT

POP RIVETS

SILICONE SEALANT

2", 2½", 3", OR 4"
CONTINUOUS CLEAT
WRAP MEMBRANE
(NOT BY KINGSPAN)
ADHERE TO EXTERIOR
PANEL FACE
PARAPET BLOCKING
(NOT BY KINGSPAN)
PARAPET CAP
FLASHING
FIELD CUT PANEL
AS REQUIRED
WRAP MEMBRANE
(NOT BY KINGSPAN)
ADHERE TO EXTERIOR
PANEL FACE
PARAPET CAP
FLASHING
\( \frac{3}{4}'' - 14 '' \) "LOW PROFILE"
FASTENER
CONTINUOUS CLEAT
\( \frac{3}{4}'' - 14 DP3 CONCEALOR SCREW
MEMBRANE ROOF &
PARAPET SHEATHING
(NOT BY KINGSPAN)
FASTENER TO PARAPET
BACKER (NOT BY KINGSPAN)
CONTINUOUS BUTYL SEALANT
PARAPET W/ FLUSH
TRIM

DETAIL #: AR-PR-02-DW2H
DATE: 11/26/16
PARAPET W/ FLUSH EXTRUSION

DETAIL #: AR-PR-03-DW2H
DATE: 11/26/16

1-14 DP3 CONCEALOR SCREW
FABRICATED METAL FLASHING EXTENSION
FABRICATED ZEE STRIP
POP RIVET THROUGH BUTYL SEALANT
CONTINUOUS BUTYL SEALANT
WRAP MEMBRANE (NOT BY KINGSPAN) ADHERE TO EXTERIOR PANEL FACE
FIELD CUT PANEL AS REQUIRED
BREAK-FORMED 6" SPICE PLATE BED SEALED IN SILICONE
2", 2 1/2", 3", OR 4"

2000 - HORIZONTAL INSTALLATION

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SLAB EDGE DETAIL

DOB NOT ATTACH PANELS TO SLAB EDGE OR TO DEFLECTION TRACK

DETAIL #: AR-SE-01-DW2H
DATE: 11/26/16

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www.kingspanpanels.ca
VERTICAL SUPPORTS
BY OTHERS

FLOOR SLAB

DOUBLE DEFLECTION TRACK

VERTICAL SUPPORTS
BY OTHERS

VERTICAL ZEES
BY OTHERS

REFER TO DETAILS
AR-SE-04-DW2H
AR-SE-05-DW2H

STANDARD INTERLOCK
JOINT FINNED GASKET

FACE SHEET
WEDGE GASKET

MASONRY ANCHORS

FACE OF PANEL

SLAB EDGE DETAIL

DETAIL #: AR-SE-03-DW2H
DATE: 11/26/16
VERTICAL SUPPORTS BY OTHERS

VERTICAL ZEE BY OTHERS

FACE OF PANEL

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW
CONTINUOUS MENDING PLATE

CONTINUOUS BUTYL SEALANT WITH MARRIAGE BEAD TO HORIZONTAL PANEL JOINT

HAT CHANNEL BY OTHERS

VERTICAL JOINT GASKET

FASTENING CLIP WITH S.S. BI-METAL TEK 3 SCREW

SLAB EDGE DETAIL

Detail #: AR-SE-05-DW2H
Date: 11/26/16

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FIELD NOTCH GASKET AND FACE SHEET LEG 2 1/2" WIDE CUT

SEAT THE STAGGERED JOINT PLATE ON TOP OF CUT PORTION OF PANEL

FIELD APPLY URETHANE SEALANT TO PREVENT WATER MIGRATION

FIELD CUT TOP OF STAGGERED JOINT PLATE TO 3" ABOVE LINER SIDE HORIZONTAL JOINT ABOVE

BRIDGE REAR SEAL BUTYL ACROSS TOP

FIELD NOTCH GASKET AND LinER SHEET LEG 2 1/2" WIDE CUT

FACTORY FABRICATED STAGGERED JOINT PLATE

APPLY 8" LONG BEAD OF NON-SKINNING BUTYL SEALANT ON TOP OF LINER SHEET EDGE PRIOR TO SEATING THE STAGGERED JOINT PLATE

FIELD NOTCH GASKET AND LINER SHEET LEG 2 1/2" WIDE CUT

EXTEND, BUTYL SEALANT, MARRIAGE BEADS TO LINER SIDE GASKET AS NORMAL

NON-SKINNING REAR SEAL BUTYL DOUBLE BEAD IS MANDATORY

PANEL MODULE HEIGHT PLUS 3"

FIELD CUT TOP OF STAGGERED JOINT PLATE TO 3" ABOVE LINER SIDE HORIZONTAL JOINT ABOVE

2" STAGGERED PANEL JOINT

DETAIL #: AR-SJ-01-DW2H

DATE: 11/26/16
FIELD NOTCH GASKET AND FACE SHEET LEG 2 1/2" WIDE CUT

FIELD CUT TOP OF STAGGERED JOINT PLATE TO 3" ABOVE LINER SIDE HORIZONTAL JOINT ABOVE

FIELD APPLY URETHANE SEALANT TO PREVENT WATER MIGRATION

FIELD CUT TOP OF STAGGERED JOINT PLATE TO 3" ABOVE LINER SIDE HORIZONTAL JOINT ABOVE

IFIELD NOTCH GASKET AND LINER SHEET LEG 2 1/2" WIDE CUT

FACTORY FABRICATED STAGGERED JOINT PLATE

APPLY 8" LONG BEAD OF NON-SKINNING BUTYL SEALANT ON TOP OF LINER SHEET EDGE PRIOR TO SEATING THE STAGGERED JOINT PLATE

EXTEND BUTYL SEALANT MARRIAGE BEADS TO LINER SIDE GASKET AS NORMAL

FIELD APPLY URETHANE SEALANT TO PREVENT WATER MIGRATION

2.5", 3", 4" STAGGERED PANEL JOINT

DETAIL #: AR-SM-01-DW2H

DATE: 11/26/16
2" STAGGERED PANEL JOINT W/ BLOCK SPLINE

DETAIL #: AR-SJ-03-DW2H
DATE: 11/26/16
FIELD NOTCH BLOCK SPLINE AROUND STAGGERED JOINT PLATE

VERTICAL SUPPORTS BY OTHERS

FIELD APPLY NON-SKINNING BUTYL ACROSS TOP OF STAGGERED JOINT PLATE

FIELD NOTCH INSIDE OF FEMALE POCKET 2 3/4" WIDE

STAGGERED JOINT PLATE AT VERTICAL JOINTS

BED SEAL BOTTOM OF PLATE IN NON-SKINNING BUTYL

VERTICAL SUPPORTS BY OTHERS

3" STAGGERED PANEL JOINT W/ BLOCK SPLINE

DETAIL #: AR-SJ-04-DW2H
DATE: 11/26/16
KINGSPAN TO SUPPLY FLATSTOCK TO BE FIELD BENT AND BROKE FOR PANEL CLOSURE

HORIZONTAL PANEL JOINT

ATTACH FLATSTOCK WITH POP RIVETS

F.I.P. INSULATION (NOT BY KINGSPAN)

SET FLATSTOCK IN BUTYL SEALANT

FIELD NOTCH PANELS (NOT BY KINGSPAN)

STEEL FRAMING (NOT BY KINGSPAN)

POP RIVET FLATSTOCK TO ANGLE

ANGLE ATTACHED TO STEEL FRAMING

FIELD CUT FLATSTOCK

SILICONE SEALANT AT PERIMETER OF BEAM

SILICONE SEALANT AT PERIMETER OF BEAM

BEAM PENETRATION

DETAIL #: AR-TL-01-DW2H

DATE: 11/26/16

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NOTES:
1. DO NOT ALIGN PENETRATIONS AT PANEL JOINT LOCATIONS.
2. FLASHING AT PENETRATIONS TO BE FIELD FABRICATED FROM
   FLATSTOCK SHEETS AS NECESSARY
Pipe Penetration Detail
Horizontal Application

PIPE PENETRATION

INSULATION FILL
NOT BY KINGSPAN

FIELD CUT HOLE
IN PANEL FOR PIPE

PIPE RING WITH SEALANT
NOT BY KINGSPAN

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2.5" TWO PIECE ENDWALL/JAMB EXTRUSION RECEIVER
DIE #16010

2.5" PANEL CONCEALED BASE EXTRUSION DIE #15850

2.5" PANEL CONCEALED SOFFIT EXTRUSION DIE #15893

2.5" PANEL PARAPET COPING DIE #15858

BASE EXTRUSION DIE #16009

SILL EXTRUSION DIE #13937

2.5" OUTSIDE CORNER EXTRUSION RECEIVER DIE #16006

CORNER EXTRUSION CAP DIE #13263

RECESSED INSERT DIE #14101

RECESSED TOP HAT EXTRUSION DIE #13949

TOP HAT EXTRUSION DIE #13950

FLUSH INSERT DIE #13951

2.5" EXTRUSIONS

DETAIL #: AR-TL-06-DW2H
DATE: 11/26/16

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2.5" STANDARD SOFFIT EXTRUSION DIE #16004

2.5" FIELD CUT CONCEALED SOFFIT EXTRUSION DIE #15854

2.5" ONE PIECE INSIDE CORNER EXTRUSION DIE #16008

2.5" ONE PIECE OUTSIDE CORNER EXTRUSION DIE #16007
3" PANEL PARAPET COPING DIE #15859

VERTICAL JOINT EXTRUSIONS

TOP HAT EXTRUSION DIE #13950
FLUSH INSERT DIE #13951
RECESSED TOP HAT EXTRUSION DIE #13949
RECESSED INSERT DIE #14101

3" TWO PIECE ENDWALL/JAMB EXTRUSION RECEIVER DIE #12714

BASE EXTRUSION DIE # 11366

SILL EXTRUSION DIE #13937

3" OUTSIDE CORNER EXTRUSION RECEIVER DIE #13858

3" PANEL CONCEALED SOFFIT EXTRUSION DIE #15894

3" PANEL CONCEALED BASE EXTRUSION DIE # 15851

CORNER EXTRUSION CAP DIE #13263

3" PANEL PARAPET EXTRUSION DIE # 13938

3" CONCEALED BASE EXTRUSION DIE #15851

3" EXTRUSIONS

DETAIL #: AR-TL-08-DW2H
DATE: 11/26/16
3" INSIDE CORNER EXTRUSION
RECEIVER DIE #14298

3" STANDARD SOFFIT
EXTRUSION DIE #13789

3" FIELD CUT CONCEALED
SOFFIT EXTRUSION DIE #15855

INSIDE CORNER EXTRUSION
RECEIVER DIE #14298

3" TWO PIECE VERTICAL JOINT
EXTRUSION RECEIVER
DIE #14186

3" INSIDE CORNER EXTRUSION
CAP DIE #14299

TWO PIECE VERTICAL JOINT
EXTRUSION CAP
DIE #14860

3" EXTRUSIONS

DETAIL #: AR-TL-09-DW2H
DATE: 11/26/16
4" STANDARD BASE
EXTRUSION DIE #16011

4" STANDARD SOFFIT
EXTRUSION DIE #16012

4" FIELD CUT CONCEALED
SOFFIT EXTRUSION DIE #15856
LAP STRIP FOR TWO PIECE JAMB EXTRUSION
LAP STRIP FOR PARAPET EXTRUSION
LAP STRIPS FOR OUTSIDE CORNER EXTRUSION
LAP STRIPS FOR INSIDE CORNER EXTRUSION
LAP STRIP FOR SILL EXTRUSION
LAP STRIP FOR VERTICAL HAT EXTRUSION
MIN. 3” TRIM LAP

FIELD NOTCH HEM(S) AS REQUIRED (NOT BY KINGSPAN)

(2) BEADS BUTYL SEALANT

MIN. 3” TRIM LAP

TRIM LAP WITH HEM

DETAIL #: AR-TL-14-DW2H
DATE: 11/26/16
MIN. 3" TRIM LAP

(2) BEADS BUTYL SEALANT

(2) BEADS BUTYL SEALANT

MENDING PLATE "SHINGLE" LAP

DETAIL #: AR-TL-15-DW2H
DATE: 11/26/16
(2) BEADS BUTYL SEALANT

8" LONG LAP STRIP

NOM. 1/4" GAP

COPING LAP WITH LAP STRIP

DETAIL #: AR-TL-16-DW2H
DATE: 11/26/16
TRIM INSTALLATION SEQUENCE:

1. EXTERIOR JAMB TRIM
2. EXTERIOR HEAD TRIM
3. EXTERIOR HEAD TRIM TAB UP
4. EXTERIOR HEAD TRIM TAB DOWN
5. EXTERIOR SILL TRIM
6. EXTERIOR SILL TRIM TAB UP

SEALANT END DAM (NOT BY KINGSPAN)

TAB UP TOP METAL OF HEAD TRIM AS SHOWN AND SEAL AGAINST BACK LEG TO FORM END DAM

FIELD EXTEND HEAD TRIM TO OUTER EXREMITY OF JAMB TRIM SEAL AS NECESSARY

TAB DOWN BOTTOM METAL OF HEAD TRIM AS SHOWN OVER TOP OF JAMB TRIM SEAL AS NECESSARY

FIELD MITER AND OVERLAP TRIMS, POP RIVET AND SEAL AS NECESSARY

EXPSE SEALANT (NOT BY KINGSPAN)

TRIM AT FRAMED OPENINGS
VERTICAL JOINT GASKET
GASKET AVAILABLE IN BLACK OR LIGHT GRAY

ACCESSORIES

DETAIL #: AR-TL-18-DW2H
DATE: 11/26/16

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