

## RIDGE

DG7000 - FIELD FAB PEAK BOX

DG7230 - RIDGE CAP WITH METAL PEAK BOX INSTALLATION

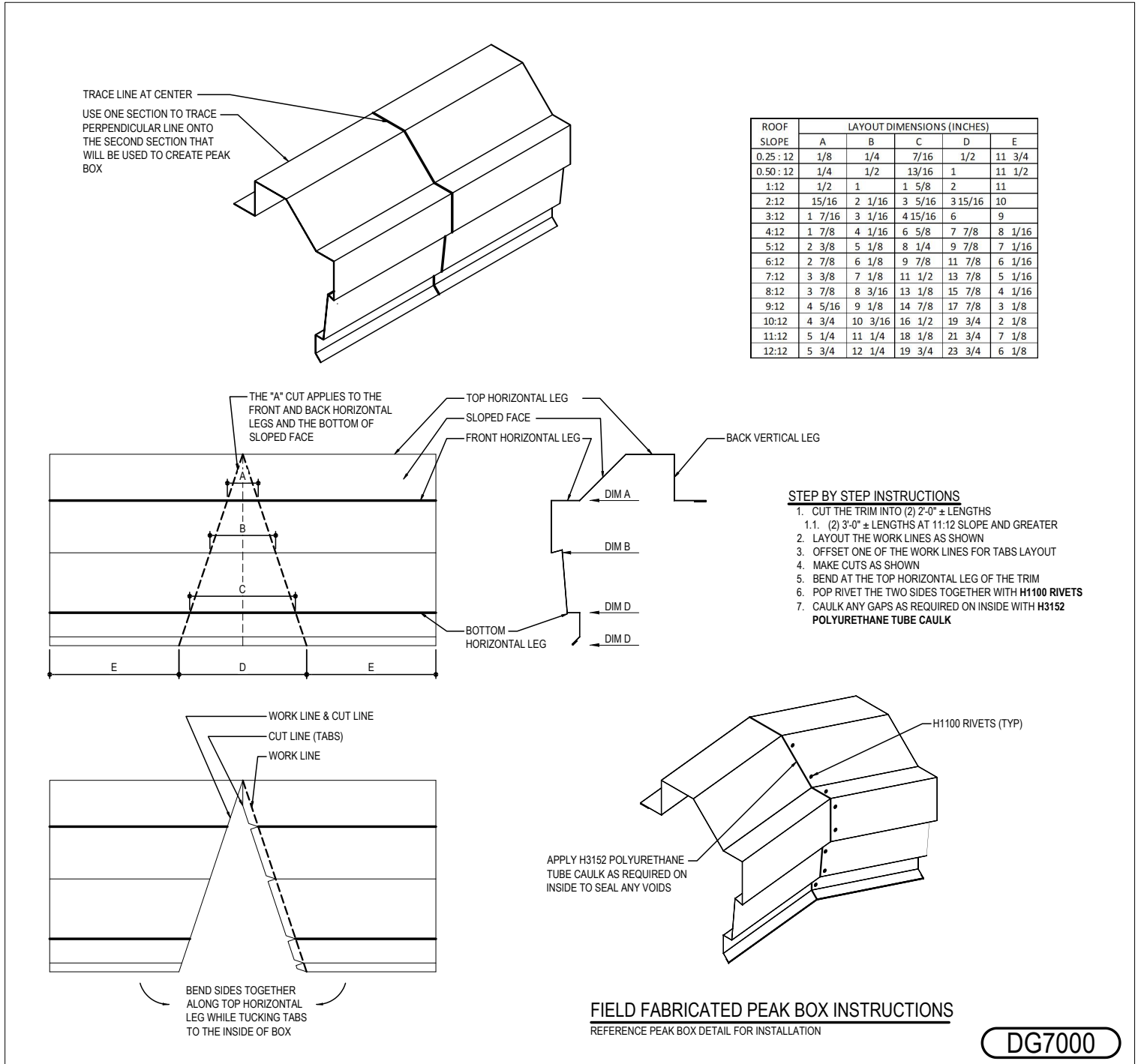
DG7231 - PARAPET AT RIDGE (R-PANEL)

DG7235 - DIE-FORMED RIDGE CAP WITH METAL PEAK BOX

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**DG7000 - FIELD FAB PEAK BOX**

[Download the DWG file by clicking here.](#)



**Detailer Notes:**

1) DG7000 AND EG7000 ARE IDENTICAL DETAILS. THESE ARE USED TO KEEP THE DETAILS IN ORDER WITH THE RESPECTIVE ROOF SYSTEMS.

DG7230 ABC - RIDGE CAP WITH METAL PEAK BOX INSTALLATION

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METAL PEAK BOX PREPERATION

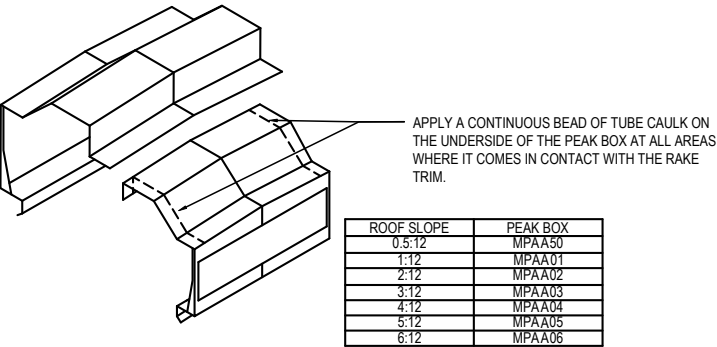
PEAK BOX PREPARATION  
STEP 1

ERECTOR NOTE:

PRIOR TO INSTALLING THE FIRST OR LAST PIECE OF RIDGE CAP, THE PEAK BOX AND PEAK PLATE NEED TO BE INSTALLED.

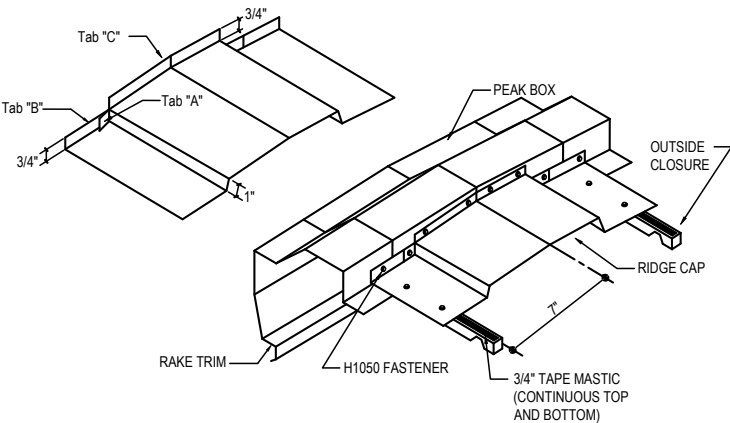
PEAK BOX

NEXT APPLY A CONTINUOUS BEAD OF **POLYURETHANE TUBE CAULK (H3152)** ON THE UNDERSIDE OF THE PEAK BOX WHERE IT COMES IN CONTACT WITH THE RAKE TRIMS. APPLY **POLYURETHANE TUBE CAULK (H3152)** TO ANY GAPS ON THE UNDERSIDE OF THE PEAK BOX.



RIDGE CAP PREPARATION  
STEP 2

FOR PROPER RIDGE CAP FIT UP WITH THE METAL PEAK BOX THE RIDGE CAP WILL NEED TO BE FIELD NOTCHED.  
CREATE TABS AS SHOWN BELOW. THESE TABS WILL SEAL TO THE BACKSIDE OF THE RAKE TRIMS.  
ONCE TABS HAVE BEEN CREATED, DRY-FIT THE RIDGE CAP TO THE RAKE TRIM PRIOR TO INSTALLATION.



RIDGE CAP WITH METAL PEAK BOX INSTALLATION

DETAIL SHOWN WITH ROOF AND WALL PANEL.

Detailer Notes:

1) N/A

METAL PEAK BOX INSTALLATION AT STANDARD RAKE TRIM  
STEP 3

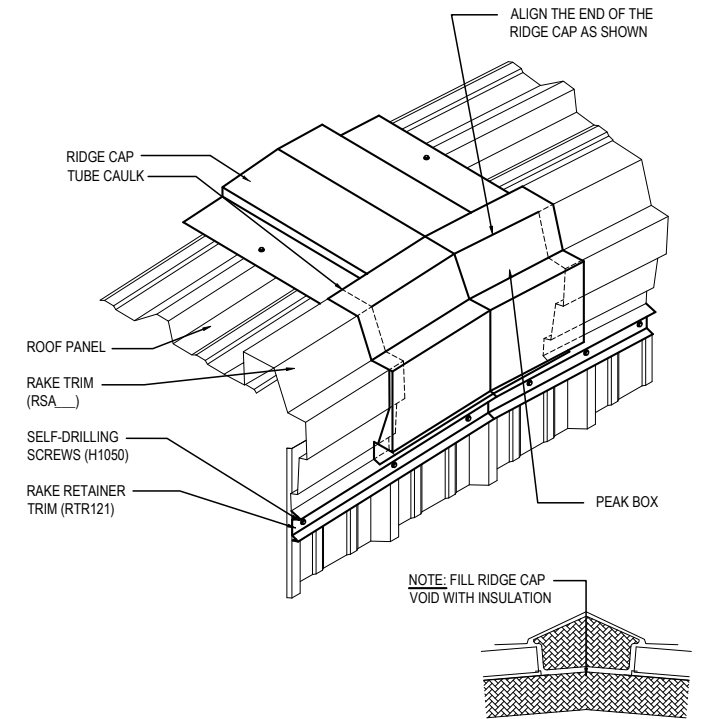
CENTER THE PREPARED PEAK BOX AT THE RIDGE OVER RAKE TRIM. ONCE CENTERED, PUSH THE PEAK BOX DOWN AND OVER THE RAKE TRIMS. FINISH INSTALLING THE RAKE RETAINER TRIM OVER THE BOTTOM OF THE PEAK BOX.

INSTALL CONTINUOUS 3/4" **TAPE MASTIC (H3000)** ALONG THE TOP AND BOTTOM OF THE OUSIDE CLOSURES ON BOTH SIDES OF THE RIDGE. PLACE THE TAPE MASTIC AND CLOSURES ONTO ROOF PANEL. REMOVE THE PAPER BACKING ONLY AS WORK PROGRESSES. RIDGE CAP MUST BE PROPERLY POSITIONED BEFORE TOUCHING THE MASTIC. **MASTIC CANNOT BE REUSED.**

PLACE A BEAD OF POLYURETHANE TUBE CAULK (H3152) ON TABS "B" AND "C" (TYPICAL 4 PLACES). CENTER THE RIDGE CAP OVER THE CLOSURES AND TIGHTLY AGAINST THE BACK OF THE RAKE TRIM.

FASTEN TAB "B" TO THE BACK OF THE METAL PEAK BOX /RAKE TRIM WITH (1) TRIM COLORED SELF-DRILLING SCREW (H1050). PLACE A BEAD OF POLYURETHANE TUBE CAULK (H3152) BETWEEN TAB "A" AND TAB "B" AND FASTEN THROUGH THE TABS AND INTO THE METAL PEAK BOX WITH (1) TRIM COLORED SELF-DRILLING SCREW (H1050). FASTEN TAB "C" INTO THE METAL PEAK BOX WITH (2) TRIM COLORED SELF-DRILLING SCREWS (H1050). REPEAT THESE STEPS FOR THE OTHER SIDE OF THE RIDGE CAP.

FASTEN THE RIDGE CAP TO THE RAKE TRIM USING SELF-DRILLING **H1050** SCREWS. **DO NOT PLACE ANY FASTENERS IN THE PEAK BOX.** DOING SO WILL NOT ALLOW THE RAKE TRIM TO "FLOAT" WITH THE EXPANSION AND CONTRACTION OF THE ROOF SYSTEM



DG7230

DG7231 PARAPET AT RIDGE (R-PANEL)

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PARAPET PEAK TRANSITION

PREPARATION AND ASSEMBLING RIDGE CAP  
STEP 1

START BY RUNNING THE **RAKE PARAPET ANGLE (MAP01)** TO THE CENTERLINE OF RIDGE. (LOW SLOPE). EXTEND THE **RAKE PARAPET TRIM (RPA01)** TO THE CENTERLINE OF RIDGE.

ON HIGHER SLOPE BUILDINGS, RUN PARAPET ANGLE PAST RIDGE AND COPE BOTTOM LEG SO THAT THERE IS NOT A LARGE GAP ON THE BACK OF THE RAKE ANGLE.

START THE RIDGE CAP A MAXIMUM OF 1/2" FROM THE EDGE OF THE RAKE PARAPET TRIM AS SHOWN IN THE DETAIL BELOW FIELD NOTCHING THE FIRST PIECE OF RIDGE CAP AS SHOWN IN **FIGURE A**. BEND ALL TABS 90°.

PROPER RIDGE CAP FIT UP WITH THE METAL PEAK BOX, THE RIDGE CAP WILL NEED TO BE FIELD NOTCHED. START BY MARKING A LINE ON THE RIDGE CAP BACK 2 1/2" FROM THE LEADING EDGE ON THE HORIZONTAL AND VERTICAL SURFACES OF THE RIDGE CAP.

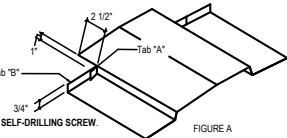
CUT AND TAB END OF RIDGE CAP AS SHOWN.

BEFORE SETTING THE RIDGE CAP, PLACE A PIECE OF 1/4" **TAPE MASTIC (H3000)** BETWEEN TAB "B" AND THE RAKE TRIM. RIDGE CAP MUST BE PROPERLY POSITIONED BEFORE TOUCHING THE MASTIC AND TUBE CAULK. **MASTIC CANNOT BE REUSED.**

CENTER THE RIDGE CAP OVER THE CLOSURES AND TIGHTLY AGAINST THE FACE OF THE RAKE PARAPET TRIM. FASTEN TAB "B" TO THE FACE OF THE PARAPET RAKE TRIM WITH (1) **(H1050)** TRIM COLORED SELF-DRILLING SCREW. REPEAT THESE STEPS FOR THE OTHER SIDE OF RIDGE CAP.

CAULK BETWEEN TAB "A" AND "B" WITH **POLYURETHANE TUBE CAULK (H3152)** AND FASTEN TAB "A" THROUGH TAB "B" AND INTO THE RAKE PARAPET TRIM WITH (1) **(H1050)** SELF-DRILLING SCREW.

CONTINUE FASTENING THE RIDGE CAP AT THE HIGH RIBS WITH TRIM-COLORED SELF-DRILLING SCREWS **(H1050)** AT 12" ON CENTER.



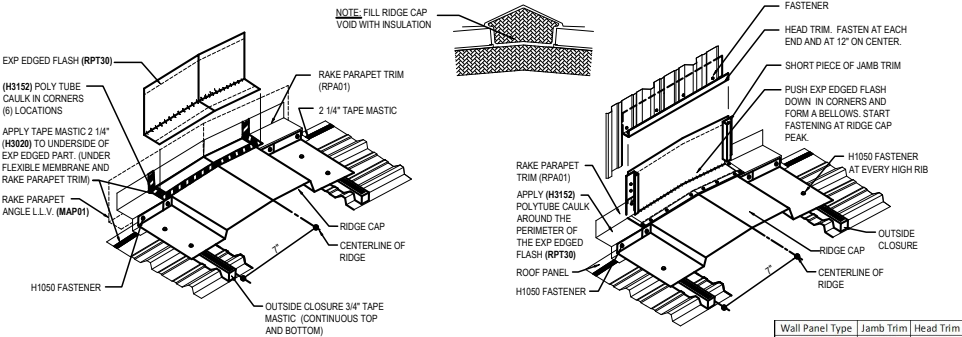
CLOSING OFF THE PARAPET AND RIDGE CAP  
STEP 2

TO INSTALL THE **EXPANDABLE EDGED FLASH (RPT30)** APPLY 2 1/4" **TAPE MASTIC (H3020)** TO RAKE PARAPET TRIM AS SHOWN.

APPLY GENEROUS BEAD OF **POLYURETHANE TUBE CAULK (H3152)** TO THE CORNERS RAKE PARAPET TRIM. FORM THE EXPANDABLE EDGED FLASH PIECE TO SHAPE OF THE PARAPET TRIM & RIDGE CAP, CENTER THE OVER THE RIDGE CAP. NEXT, PUSH EXPANDABLE EDGED FLASH TIGHT INTO CORNERS AND FORM BELLOWS IN THE CENTER OF THE FLASH AS SHOWN. FASTEN WITH (10) TRIM-COLORED **SELF-DRILLING SCREWS (H1050)**. DO NOT FASTEN INTO THE PARAPET TRIM.

CUT A METAL STRIP PIECE FROM A PIECE OF SCRAP AND PLACE ON THE END OF MEMBRANE AND FASTEN AS SHOWN.

NEXT, TAKE SHORT PIECES OF JAMB TRIM AND PLACE ON EACH SIDE OF THE EXPANDABLE EDGED FLASH. FASTEN INTO THE RAKE ANGLE WITH ALL FASTENERS AS SHOWN. TAKE A PIECE OF HEAD TRIM AND FIELD TAB INTO JAMB TRIM. FASTEN WITH WALL FASTENERS. CAULK THE PERIMETER OF THE **EXPANDABLE EDGED FLASH (RPT30)** WITH **POLYURETHANE TUBE CAULK (H3152)**.



Wall Panel Type	Jamb Trim	Head Trim
R-PANEL	JTA087	HTA044
A-PANEL	JTA087	HTA044
REV R-PANEL	JTD087	HTA044
IMP	JHI	JHI

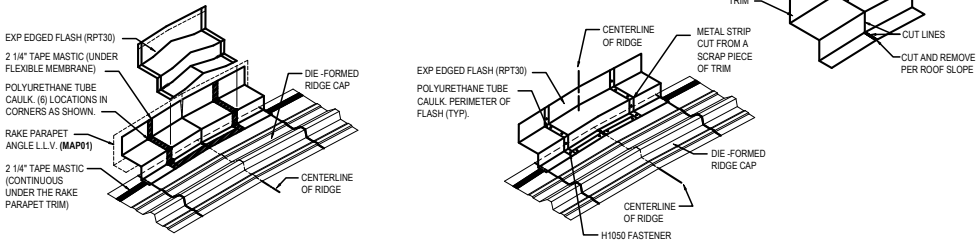
**NOTES:**  
ON HIGHER SLOPE BUILDINGS, TAPER MASTIC BACK FROM HIGH POINT OF RIDGE CAP AS SHOWN. TAPER EXPANDABLE EDGED FLASH OVER TOP OF TAPE MASTIC AS WELL. FASTENERS INTO MASONRY AND COUNTER FLASH BY OTHERS. FIELD WORK RAKE PARAPET TRIMS TO ENSURE WEATHER TIGHTNESS AS REQUIRED ON ALL BUILDINGS.

RIDGE CAP DIE-FORM INSTALLATION  
ALTERNATE INSTALLATION

TO INSTALL THE **EXPANDABLE EDGED FLASH (RPT30)** APPLY 2 1/4" **TAPE MASTIC (H3020)** TO RAKE PARAPET TRIM AS SHOWN.

NEXT APPLY GENEROUS BEAD OF **POLYURETHANE TUBE CAULK (H3152)** TO THE CORNERS RAKE PARAPET TRIM. FORM THE EXP EDGED FLASH INTO THE SHAPE OF THE PARAPET TRIM & CENTER THE OVER THE RIDGE. FASTEN WITH (14) TRIM-COLORED SELF-DRILLING SCREWS **(H1050)**.

CUT A METAL STRIP PIECE FROM A PIECE OF SCRAP AND PLACE ON THE END THE MEMBRANE AND FASTEN AS SHOWN. FINISH BY CAULKING THE PERIMETER OF THE MEMBRANE WITH **POLYURETHANE TUBE CAULK (H3152)**.



PEAK TRANSITION TO PARAPET TRIM AT RIDGE  
TRANSITION AT PEAK TO WALL PANEL ABOVE. MASONRY AND INSULATED PANEL SIM. SEE ADDITIONAL DETAILS FOR TRIM REQUIREMENTS.

DG7231

Detailer Notes:

1) N/A

DG7235 ABC - DIE-FORMED RIDGE CAP WITH METAL PEAK BOX

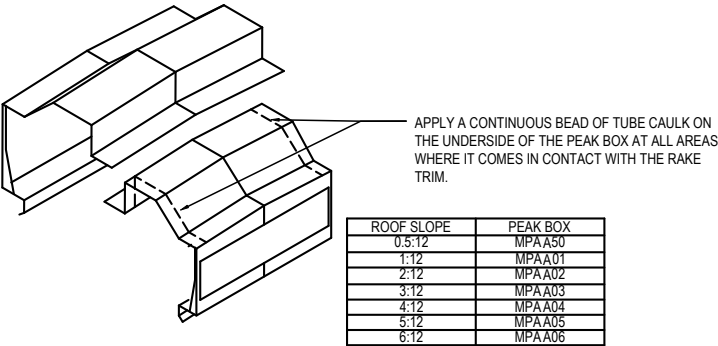
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METAL PEAK BOX PREPERATION

PEAK BOX PREPARATION  
STEP 1

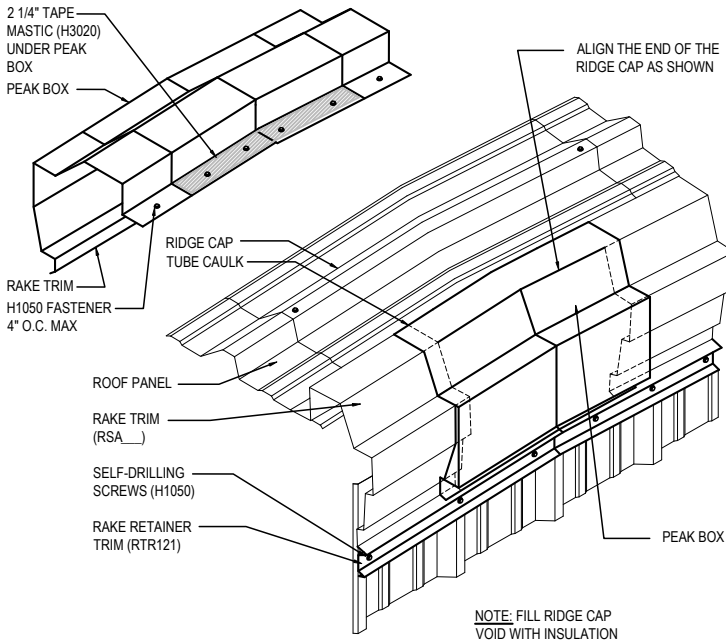
**ERECTOR NOTE:**  
THE FIRST OR LAST PIECE OF RIDGE CAP MUST BE INSTALLED PRIOR TO THE PEAK BOX.

**PEAK BOX**  
NEXT APPLY A CONTINUOUS BEAD OF POLYURETHANE TUBE CAULK (H3152) ON THE UNDERSIDE OF THE PEAK BOX WHERE IT COMES IN CONTACT WITH THE RAKE TRIMS. APPLY POLYURETHANE TUBE CAULK (H3152) TO ANY GAPS ON THE UNDERSIDE OF THE PEAK BOX.



PEAK BOX INSTALLATION  
STEP 2

RAKE TRIM SHOULD BE RUN UP TO 5" FROM RIDGE LINE OVER THE RIDGE CAP. PLACE 2 1/4" TAPE MASTIC OVER RIDGE CAP & RAKE TRIM TO SEAL BETWEEN RAKE TRIM AND PEAK BOX.



RIDGE CAP WITH METAL PEAK BOX INSTALLATION

DETAIL SHOWN WITH ROOF AND WALL PANEL.

DG7235

Detailer Notes:

- 1) N/A