

DIVISION 7 BINDER  
METAL EDGE DETAIL

1. EXISTING DECK OR AS SPECIFIED.
2. WOOD BLOCKING AS SPECIFIED (PRESSURE TREATED WOOD). PRIME SURFACE WHEN INSTALLED.
3. INSULATION(S) AS SPECIFIED IN ONE OR TWO LAYERS, ADHERED WITH HYBOND INSULATION ADHESIVE, MECHANICALLY ATTACHED, ADHERED IN HOT ASPHALT, OR AN APPROVED COMBINATION OF THESE METHODS. INSULATION SURFACE OR SUBSTRATE TO WHICH HYBASE IS TO BE ADHERED TO MUST BE PRIMED WITH ASTM D41 PRIMER. ENSURE PRIMER IS THOROUGHLY DRY BEFORE INSTALLING THE HYBASE SAM FIELD OR PICTURE FRAME SHEETS.
4. HYBASE SAM INTERPLY FIELD SHEETS INSTALLED OVER PRIMED INSULATION OR SUBSTRATES. REFER TO PICTURE FRAME DETAILS.
5. HYBASE SAM PICTURE FRAME SHEET, OVERLAPPING THE HYBASE SAM FIELD SHEETS PREVIOUSLY INSTALLED. EXTEND OVER THE ROOF EDGE TO A POINT BELOW THE WOOD BLOCKING AND NAIL. OVERLAP THE HYBASE SAM FIELD SHEETS A MINIMUM OF 6" ON THE ROOF SIDE.
6. HYLOAD WS FINISH PLY FIELD SHEETS. FINISH PLY LAPS MUST NOT BE INSTALLED DIRECTLY OVER INTERPLY LAPS BELOW. SEAMS AND END LAPS MUST BE WELDED DAILY. END LAPS IN THE FIELD OF THE ROOF MUST OVERLAP A MINIMUM OF 3". END LAP SPLICE STRIP OF THE APPROXIMATE LENGTH AND WIDTH MUST BE INSTALLED AND WELDED TO COVER THE EXPOSED ADHESIVE. REFER TO PICTURE FRAME SHEET.
7. CUT THE SELVEDGE OFF OF ONE SIDE OF THE WS FINISH PLY PICTURE FRAME SHEETS. INSTALL PARALLEL TO ROOF EDGE WITH THE RESULTING ADHESIVE EDGE POSITIONED ON THE ROOF EDGE SIDE. ON THE ROOF SIDE, OVERLAP ONTO HYLOAD WS FINISH PLY FIELD SHEETS A MINIMUM OF 6" AND WELD SELVEDGE. SYMBOL INDICATES HEAT WELDING OF PICTURE FRAME FINISH PLY TO HYLOAD WS FILED SHEETS.
8. INSTALL CONTINUOUS CLEATS AND STAGGER NAIL METAL EDGE FLANGE, OR USE MANUFACTURER'S DETAIL.
9. INSTALL HYLOAD DSA TAPE ON TOP OF THE HYLOAD WS FINISH PLY ALONG THE ENTIRE ROOF EDGE THAT THIS DETAIL IS SPECIFIED FOR. WIDTH OF THE DSA TAPE IS DEPENDENT UPON THE WIDTH OF THE EDGE FLANGE. DSA TAPE MUST EXTEND FROM THE ROOF EDGE AND OUT ONTO THE ROOF 1/2" BEYOND THE METAL EDGE FLANGE. OVERLAP THE DSA TAPE 1" AT END LAPS.
10. PRIME THE METAL EDGE FLANGE ON BOTH SIDES WITH ASTM D41 PRIMER; ENSURE PRIMER IS DRY BEFORE INSTALLATION OF METAL EDGE. INSTALL FINISHED METAL EDGE AS SPECIFIED, TAKING CARE ON POSITIONING THE METAL, AS THE ADHESIVE IS VERY AGGRESSIVE.
11. INSTALL A HYBASE SAM FLASHING STRIP PARALLEL WITH THE METAL EDGE AND ALONG THE ENTIRE LENGTH OF THE DETAIL. INSTALL THE HYBASE SAM STRIP 1 1/2" IN FROM THE NECK OF THE METAL EDGE WHILE COVERING ALL FASTENER HEADS. EXTEND OUT ONTO THE ROOF A MINIMUM OF 4" PAST THE METAL EDGE FLANGE. OVERLAP THE ENDS OF THE HYBASE SAM FLASHING STRIP A MINIMUM OF 3". THE WIDTH OF THE HYBASE SAM STRIP WILL BE DEPENDENT UPON THE WIDTH OF THE METAL EDGE FLANGE AND THE DISTANCE IT MUST EXTEND OUT ONTO THE ROOF.
12. INSTALL HYLOAD EDGE FLASHING FINISHING STRIP OVER THE PREVIOUSLY INSTALLED HYBASE SAM FLASHING. INSTALL THE EDGE FLASH FINISHING STRIP PARALLEL TO THE METAL EDGE. THE EDGE FLASH FINISHING STRIP IS A SELF ADHERED FLASHING PIECE 50' IN LENGTH WITH A HEAT-WELDABLE SELVEDGE 1 1/2" WIDE ON EACH END AND ALONG ONE EDGE. THE REMAINING SIDE HAS ADHESIVE OUT TO THE EDGE AND IS NOT HEAT WELD. THE EDGE STRIP FLASHING SHOULD BE INSTALLED SO THAT THE ADHESIVE EDGE IS PARALLEL TO THE NECK OF THE METAL EDGE AND APPROXIMATELY 1/4" FROM THE NECK. END LAPS MUST BE 3" MAXIMUM AND HEAT WELDED. THE SELVEDGE ON THE ROOF SIDE MUST BE WELDED ALONG IT'S ENTIRE LENGTH. WHERE END LAPS OCCUR AND THE MANUFACTURED SELVEDGE IS NOT IN PLACE, THE 3" OVERLAP WILL HAVE AN EXPOSED ADHESIVE EDGE ON THE END LAP. THIS LAP WITH EXPOSED ADHESIVE MUST BE COVERED WITH MEMBRANE AND HOT AIR WELDED AROUND THREE SIDES. END LAP SPLICE STRIP 6" X 44" WILL YIELD TWO 22" PIECES LONG ENOUGH TO COVER THE END LAP IN MOST INSTANCES, AND PROVIDE THE WELDABLE EDGE ON THREE SIDES OF THE COVER.
13. CAULK THE AREA BETWEEN THE NECK OF THE METAL EDGE AND THE EDGE STRIP FLASHING, USING A LIBERAL AMOUNT OF APPROVED CAULK TO SEAL THIS EDGE AND PREVENT WATER FROM STANDING IN THIS AREA.

NOTE: IT IS NOT NECESSARY OR DESIRABLE TO PRIME THE HYBASE SAM BEFORE APPLYING HYLOAD WS OVER IT. ALTHOUGH THE HYBASE SAM MUST BE CLEAN, DUCT FREE, AND DRY, FOR A PROPER APPLICATION.



CORPORATE HEADQUARTERS

5020 ENTERPRISE PARKWAY  
SEVILLE, OHIO 44273  
PHONE: (800) 457-4056  
FAX: (330) 769-4153

ROOF EDGE

DWG NO.

PMR006A