



- NOTE:
1. ROOF INSULATION SHOULD BE ISOLATED WITH MEMBRANE STRIPPING BETWEEN COLD AND WARM AREAS, TO AVOID HUMID AIR INFILTRATION THROUGH ADJACENT ROOF, GENERATED FROM WARM ROOMS OR ATMOSPHERIC HUMIDITY INFILTRATING INTO WARM SIDE ROOF – UNLESS A VAPOR RETARDER IS INSTALLED UNDER THE INSULATION OF WARM SIDE ROOMS WITH AIR-TIGHT DETAILING, AS WELL AS ROOF SYSTEM IS AIR-SEALED ALSO. ABOVE MENTIONED MEMBRANE STRIPPING IS NOT SHOWN HERE.
  2. COORDINATE WITH CARLISLE SYNTec INC FOR PROPER POSITIONING, DETAILING AND USE OF VAPOR RETARDER REQUIREMENTS IN THIS DETAIL.
  - 3.

**COLD**

CUT INSULATED WALL PANELS TO FIT OVER JOISTS. PATCH HOLE WITH SHEET METAL TRIM TO MATCH PANEL SKIN. FILL VOID WITH FOAM-IN-PLACE INSULATION

COLD STORAGE DETAILS

**WARM**

2" RIGID BOARD INSULATION BETWEEN JOISTS  
COVER RIGID BOARD INSULATION WITH PANEL SKIN

FILL TOP AND BOTTOM FLUTES OF METAL DECK WITH FOAM-IN-PLACE INSULATION IN ALL FLUTES WITHIN 24" FROM PANEL & 18" WHERE FLUTES ARE PERPENDICULAR

**CARLISLE**

Carlisle Syntec Incorporated

**COLD STORAGE ENVELOPE  
IWP: TRANSITION BETWEEN  
COLD & WARM SPACE**

**CS 5.2.1**