

SHEET METAL EXPANSION  
JOINT COVER

FASTENERS 8" O.C.  
(TYPICAL)

SLOPE

BATT INSULATION

8" MIN.  
FLASHING HEIGHT  
ON LOW SIDE

COVER FLASHING

GASKETED FASTENERS 8" O.C.  
(TYPICAL)

SBS MODIFIED BITUMEN BASE  
FLASHING

APPROX. 4"

FLEXIBLE VAPOR RETARDER  
TO SERVE AS INSULATION  
RETAINER (ATTACHED TO TOP  
OF CURB)

STRIPPING PLIES OR SBS  
SMOOTH MODIFIED BITUMEN  
FLASHING

MULTIPLE-PLY BUILT-UP ROOF

WOOD NAILERS ATTACHED TO  
SUBSTRATE - OVERALL THICKNESS  
TO MATCH INSULATION

FIRE RETARDANT CANT

ROOF DECK

NOTES:

1. THIS DETAIL ALLOWS FOR BUILDING MOVEMENT IN MULTIPLE DIRECTIONS.
2. FLASHING REQUIREMENTS TYPICAL FOR BOTH SIDES OF EXPANSION JOINT.
3. 5, 10 AND 12 YEAR GUARANTEES REQUIRE A MINIMUM 2-PLY FLASHING CONSTRUCTION CONSISTING OF ONE PLY OF STRIPPING PLY TO BE SAME AS ROOF PLIES AND ONE PLY OF DURAFLEX™ 190 SBS MODIFIED BITUMEN MEMBRANE.
4. 15 AND 20 YEAR GUARANTEES REQUIRE A MINIMUM 3-PLY FLASHING CONSTRUCTION CONSISTING OF TWO PLIES OF STRIPPING PLY TO BE SAME AS ROOF PLIES AND ONE PLY OF DURAFLEX™ 190 SBS MODIFIED BITUMEN MEMBRANE.
5. DURAFLEX ALUM MAY BE USED FOR FLASHING MATERIAL IN LIEU OF HOT ASPHALT APPLIED SBS FLASHING MEMBRANE. DURAFLEX ALUM MAY ONLY BE APPLIED WITH HOT ASPHALT OR USING THE HEAT WELDING METHOD OR PLYLINK FLASH-N-PATCH. DO NOT USE SOLVENT BASED ADHESIVES TO INSTALL DURAFLEX ALUM.

This detail is furnished "as is" and "as available" and for information only and as a guide for use in conjunction with U.S. Ply products with applicable construction conditions. All dimensions shown are sheet specific; do not scale off of drawing. All details must be checked by the user's designer, architect or engineer to ensure that design is adequate for intended use. Any alterations made to this detail become the design of the user and shall neither be assumed nor construed as U.S. Ply's design. U.S. Ply will not be liable for damages of any kind arising from the use of this website, and/or details, including direct, indirect, incidental, consequential and punitive damages.



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TITLE:

**BUR EXPANSION JOINT WITH METAL COVER DETAIL**

DATE:  
**05-14-2004**

SCALE:  
**N.T.S.**

REVISIONS:  
**01-31-2011**

**BUR-10B**