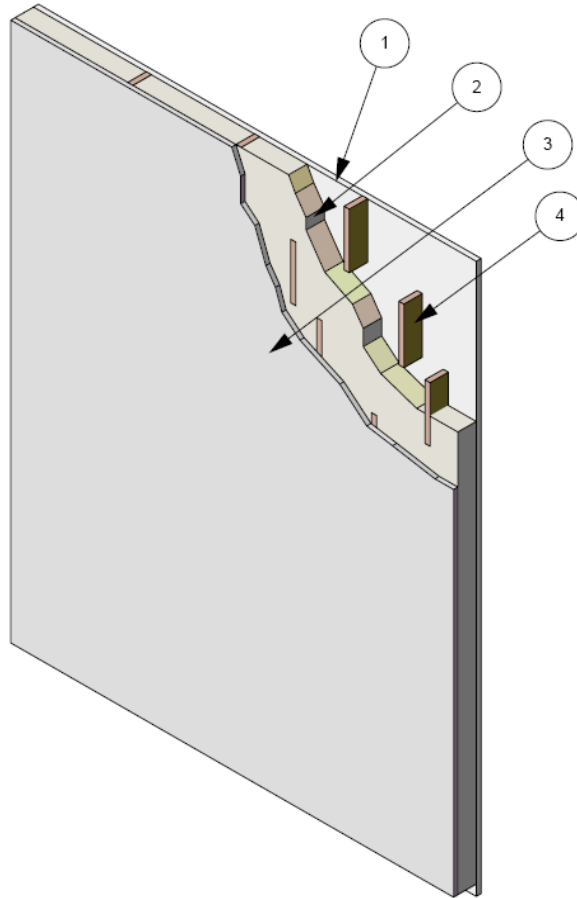


Division 06- Wood and Plastics  
06-08-00 Factory-Applied Wood Coatings  
06-16-00 Sheathing

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Barrier Technologies, Corp.  
Design No. BTC/WA-60-01  
Blazeguard® Sheathing  
ASTM E-119-05a  
Assembly Rating-1 HR  
Max Loading-1684 lbs. Per Stud

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1. WALLBOARD GYPSUM: Face layer 5/8 in. thick x 4 ft. x 10 ft. Type X gypsum wallboard, applied vertically, fastened with 1-7/8 in. long cup-head drywall nails, 8 in. o.c. Joint Tape and compound – vinyl or casein, dry or premixed joint compound applied to face layers of gypsum wallboard in two coats to all exposed fastener heads and gypsum wallboard joints. A min. 2-in. wide paper, plastic or fiberglass tape embedded in the first layer of compound over joints in gypsum wallboard.

2. CERTIFIED MANUFACTURER: Various  
CERTIFIED PRODUCT: Mineral Wool

MODEL: Only Intertek Certified Manufacturer's product meeting the minimum requirements below.

CAVITY INSULATION: Unfaced mineral fiber batt insulation having a nom. 5-1/2 in. thickness, 2.5 pcf density and friction fit between the studs.

**Division 06- Wood and Plastics**  
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3. CERTIFIED MANUFACTURER: Barrier Technologies Corporation

CERTIFIED PRODUCT: Wood Sheathing, Fire Retardant Coated Sheathing

MODEL: Blazeguard® (Direct Applied, OSB)

PANEL : A nom. 48 x 96 in. panel 15/32" thick, staggered at gypsum (ITEM 1) seams. Joints blocked with 2 x 6 lumber.

4. WOOD STUDS : Nom. 2 in. x 6 in. No. 2 grade Douglas Fir wood studs spaced 16 in. o.c., with two 2 in. x 6 in. wood studs as a top plate and one 2 in. x 6 in. wood stud as a bottom plate, and horizontal cross-bracing positioned at mid-height of the wall.

5. STEEL SIDING (Not Shown) : 38 1/2 in. wide x 10-ft. long, with 36 in. coverage, 26 GA steel siding attached over the vapor barrier (ITEM 6), fastened to the studs (ITEM 4) using 1-7/8 in. self tapping drywall screws, two per panel per stud.

6. VAPOR BARRIER (Not Shown) : Tyvek® HomeWrap® vapor barrier fastened over the panel (item 3) using T-50 arrow sufficient to prevent air pockets in the wrap.

7. FASTENERS (Not Shown): Attach studs (Item 4) with three standard 16d framing nails at each location.