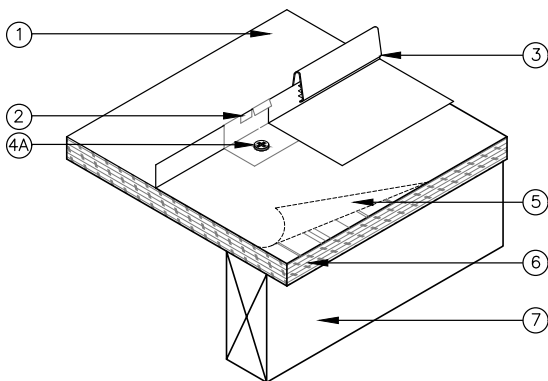


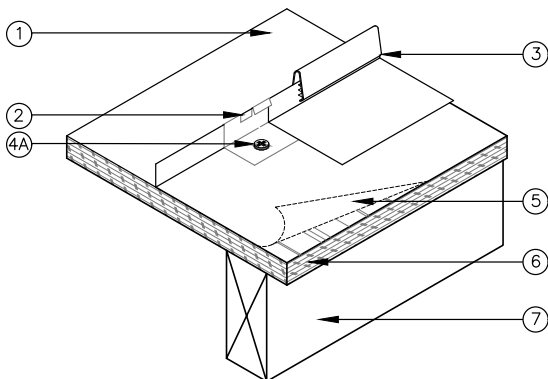
UL 580 CLASS 90 RATED PRODUCT ASSEMBLIES

CONSTRUCTION NO. 296 - Galvalume® BERRIDGE TEE-PANEL OVER SOLID PLYWOOD SHEATHING



1. **BERRIDGE TEE-PANEL:** No. 24 MSG (Min. yield strength 40,000 PSI) thickness coated steel, 12 3/4" wide and rib height of 5/8". Total seam height with snap-on seam cover in place is nominal 1". Panels to be continuous length. End laps to be overlapped min. 6". A line of sealant may be used at panel end & side laps.
2. **BERRIDGE TEE PANEL CLIP:** One-piece clip, 3/4" high x 1 1/2" wide x 1 5/8" long, No. 24 MSG (Min. yield strength 40,000 PSI) coated steel. Clips spaced max 24" O.C., located at panel sides.
3. **BERRIDGE SNAP-ON SEAM COVERS:** Seams covering panel ribs to be 3/8" wide by 7/8" high with vinyl insert (U.S. Patent No. 4,641,475) formed from No. 24 MSG (Min. yield strength 40,000 PSI) coated steel.
4. **FASTENERS:**
 - a. **For Connection of Item #2 to Item #6:** No. 10 x 1" long pancake head wood screw with No. 2 Philips drive. One screw per clip.
 - b. **For Connection of Item #6 to Item #7 (Not shown):** 2.5" long 8d deformed shank nails. When light gauge steel joists are used, screws to be No. 12 x 1 5/8" with Philips drive head. Screws to be spaced 6" O.C. at plywood ends and 12" O.C. at interior joints.
5. **FELT PAPER:** Two ply, No. 30 lb. per 100 sq. ft.
6. **SUBSTRUCTURE (PLYWOOD):** Nominal 5/8" thick, exposure sheathing span C-D, 40/20 plywood. Butt joints sealed with tape and/or caulk.
7. **JOISTS:** Spaced 2' O.C. May be one of the following:
 - a. Nom 2x6 wood joists No. 2 or better
 - b. Nom 2x4 wood when used on top chord of wood truss, No. 2 or better
 - c. Light gauge structural steel with the member against wood to be min. 22 MSG coated steel

CONSTRUCTION NO. 296 - Aluminum BERRIDGE TEE-PANEL OVER SOLID PLYWOOD SHEATHING



1. **BERRIDGE TEE-PANEL:** Minimum 0.032 aluminum, 12 3/4" wide and rib height of 5/8". Total seam height with snap-on seam cover in place is nominal 1". Panels to be continuous length. End laps to be overlapped min. 6". A line of sealant may be used at panel end & side laps.
2. **BERRIDGE PANEL CLIP:** One-piece clip, 3/4" high x 1 1/2" wide x 1 5/8" long, No. 24 MSG (Min. yield strength 40,000 PSI) stainless steel. Clips spaced max 12" O.C., located at panel sides.
3. **BERRIDGE SNAP-ON SEAM COVERS:** Seams covering panel ribs to be 3/8" wide by 7/8" high with vinyl insert (U.S. Patent No. 4,641,475) formed from 0.032" Aluminum.
4. **FASTENERS:**
 - a. **For Connection of Item #2 to Item #6:** No. 10 x 1" long pancake head wood screw with No. 2 Philips drive. One screw per clip.
 - b. **For Connection of Item #6 to Item #7 (Not shown):** 2.5" long 8d deformed shank nails. When light gauge steel joists are used, screws to be No. 12 x 1 5/8" with Philips drive head. Screws to be spaced 6" O.C. at plywood ends and 12" O.C. at interior joints.
5. **FELT PAPER:** Two ply, No. 30 lb. per 100 sq. ft.
6. **SUBSTRUCTURE (PLYWOOD):** Nominal 5/8" thick, exposure sheathing span C-D, 40/20 plywood. Butt joints sealed with tape and/or caulk.
7. **JOISTS:** Spaced 2' O.C. May be one of the following:
 - a. Nom 2x6 wood joists No. 2 or better
 - b. Nom 2x4 wood when used on top chord of wood truss, No. 2 or better
 - c. Light gauge structural steel with the member against wood to be min. 22 MSG coated steel

BERRIDGE MANUFACTURING COMPANY

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Visit www.berridge.com for the most up-to date information. All information herein subject to change without notice. For technical assistance please contact Berridge.