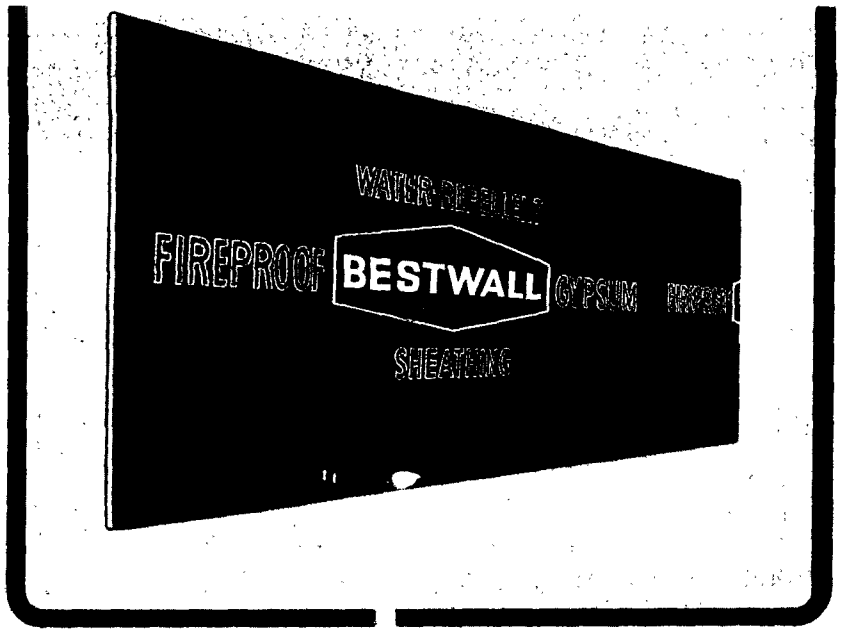
N.A.H.B. INDEX NO. 340

BESTWALL

# GYPSUM SHEATHING




Bestwall Gypsum Sheathing is the only gypsum sheathing reinforced with glass fibers. The gypsum core consists of incombustible gypsum rock combined with an asphalt emulsion to provide high resistance to water. All Bestwall Gypsum Sheathing meets ASTM C79-54, including requirement for water resistance. This eliminates the need for building paper (except where required by local building code).

Bestwall Gypsum Sheathing is manufactured in widths of 2′ and 4′. The 2′ wide sheathing is made with precision-cut tongue and groove edges to provide a structurally strong and stable wall. V tongue and groove edges fit snugly, minimizing wind infiltration. The 4′ wide square edge sheathing, applied vertically, completely eliminates the need for corner bracing. It is designed to meet requirements of FHA Technical Circular 12.

• Incombustible! As the exterior sheathing over a wood framed wall with any exterior finish and with an interior such as ⅝″ Firestop or gypsum lath and plaster will give a wall having one hour fire resistance from either side • Very little waste, low cost • Reinforcement with glass fibers gives better nailing qualities and greater resistance to shock • Specially treated core and face paper are water resistant • Large panels may be applied easily and quickly.

May be used on both commercial and residential buildings, wherever strong, stable walls are desired.

**Thickness:** ½″
**Length:** 8′, 9′

**Width:** 2′, 4′

**Edges:** 2′ x 8′ — V Edge and Tongue and Groove
4′ x 8′ and 4′ x 9′ — Square Edge

**Packaging:** Tv in Mounted

**Application:** *Square Edges* — Panels shall be applied vertically with long edges parallel to the studs. Use length necessary to span distance between sills and plates or other structural members. Center long edges on studs. *V-Groove* — Apply panels horizontally at right angles to studs with grooved edge down. Break end joints on succeeding courses so that end joints in following courses are not in line. All V-joint edges shall be in close contact.

**Nailing:** Galvanized roofing nails with a ⅜″ to 7/16″ head, 1¾″ long, #11 gage should be used. For 4′ wide sheathing, 4″ o.c. around edges at top and bottom plates, and 8″ o.c. in the field. For 2′ wide sheathing, 8″ o.c.

PLAINTIFF'S EXHIBIT
GP-818

SGP 0025322

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# GYPSUM SHEATHING

## RECOMMENDATIONS FOR NAILING AND STAPLING

### FASTENER SPACING

| SHEATHING SIZE | SPACING |
|---|---|
| ½ in., 2 x 8 ft. (Applied Horizontally) | |
| **Nail** | |
| With siding or with diagonal bracing | 8 in. o.c. |
| With no siding or diagonal bracing* | 4 in. o.c. |
| **Staple** | |
| With diagonal bracing | 6 in. o.c. |
| With siding but without diagonal bracing* | 4 in. o.c. |
| ½ in., 4 x 8 ft.; 4 x 9 ft. (Applied Vertically) | |
| **Nail** | |
| Without diagonal bracing | 8 in. o.c. field<br>4 in. o.c. perimeter |
| **Staple** | |
| Without diagonal bracing | 6 in. o.c. field<br>3 in. o.c. perimeter |

* Recommended where regulations permit the use of 1 x 8 in. horizontal wood sheathing without bracing

**NAILS** — 1½ in. long galvanized roofing nail, 11 gauge, ⅜ in. to 7/16 in. head.

**STAPLES** — 16 gauge flattened galvanized wire, 7/16 in. wide crown (outside measure), 1½ in. long legs with divergent points.

All fasteners shall be spaced not less than ⅜ in. from the ends or edges of the sheathing. They shall be driven in such a manner that the sheathing bears tightly against the framing members without cutting the face paper.

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