

GOLD BOND® BRAND

MR BOARD – MOISTURE RESISTANT GYPSUM BOARD

MANUFACTURER

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DESCRIPTION

Gold Bond® BRAND MR (Moisture-Resistant) Board is a specially processed gypsum wallboard with the core, face paper and back paper of MR Board treated to withstand the effects of moisture. The facing paper is colored light green to make it distinguishable from regular gypsum wallboard.

BASIC USES

MR Board can be used as a tile backer board in dry areas or areas with limited water exposure such as toilet/sink areas and areas above tile in tubs and showers. MR Board may be extended beyond the area to be tiled. A tapered edge is provided so that joints can be treated in the normal manner.

ADVANTAGES

- *Cost effective.* MR Board is more economical than cementitious materials.
- *Moisture resistant.* The special moisture resistant surface is specifically designed to accept tile adhesives while resisting the effects of moisture.

LIMITATIONS

- Not to be exposed to temperatures exceeding 125°F (52°C) for extended periods of time.
- MR Board should not be used as a backer board directly behind tile in tub and shower areas.

- MR Board should not be used in areas subject to constant and/or excessive moisture and high humidity such as gang showers, saunas and steam room and swimming pool enclosures. PermaBase® BRAND Cement Board is recommended for these applications.
- Vapor retarder shall not be placed behind the MR Board when used as a tile backer. A vapor retarder can be created on the face of the MR Board by applying a skim coat of tile adhesive or by using silicone grout for tile. By itself, MR Board is not a vapor retarder.
- The MR Board shall not be used on exterior ceilings. Gold Bond Soffit Board is recommended for protected exterior ceiling applications.
- MR Board may be utilized on interior ceilings provided spacing of framing members does not exceed 12" o.c. for 1/2" MR Board and 16" o.c. for 5/8" MR Board. Gold Bond Gypsum Wallboard is recommended for interior ceiling applications.
- MR Board shall be stored off the ground and under cover. Sufficient risers must be used to assure support for the entire length of the wallboard to prevent sagging.

COMPOSITION & MATERIALS

MR Board is a manufactured panel with a water resistant gypsum core encased in water repellent paper. Available with a type X (Fire-Shield) water resistant core. Fire-Shield Core gypsum wallboard also contains various aggregates such as fiberglass to enhance the fire resistive qualities. MR Board contains no asbestos.

ACCESSORIES

MR Board does not require any special tapes or edge sealants.

Joint treatment components for use beyond area to be tiled should be Gold Bond All-Purpose Ready Mix Joint Compound.

Tile adhesive shall be water resistant and shall meet the requirements of ANSI A136.1-1985, Type 1.

SIZES & TYPES

- Width:* 4' (1219 mm)
- Lengths:* 6' (1829 mm) through 16' (4877 mm)
- Thickness:* 1/2" (12.7 mm)
Regular and Fire-Shield C
- 5/8" (15.9 mm)
Fire-Shield

APPLICABLE STANDARDS

ASTM C 630/C 1396
Federal Specification Standard
SS-L-30D Type VII

TECHNICAL DATA

SURFACE BURNING CHARACTERISTICS

ASTM E 84
Flame spread: 15
Smoke developed: 0

FIRE RESISTANCE RATINGS

Fire resistance ratings represent the results of tests on assemblies made up of specific materials in a specific configuration. When selecting construction designs to meet certain fire resistance requirements, caution must be used to insure that each component of the assembly is the one specified in the test. Further, precaution should be taken that assembly procedures are in accordance with those of the tested assembly. (For copies of specific tests, call 1-800-NATIONAL)

SOUND CONTROL

Sound control details of the basic wall must conform to specifications for the desired ratings

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Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

with gypsum board extending from floor to ceiling before installation of bathtub or shower receptor. The installation of the MR Board to receive the application of tile around the tub or shower receptor will be in addition to the floor to ceiling base gypsum board.

▶ INSTALLATION

APPLICABLE STANDARDS AND REFERENCES

ASTM C 840
Gypsum Association GA-216
National Gypsum Co. *Gypsum Construction Guide*

MR Board is applied in the same way as regular gypsum wallboard except that during the installation of the panels, water-resistant tile adhesive is applied to all cut or exposed edges, utility holes and joints, including those at wall intersections.

RECOMMENDATIONS

Installation of MR Board shall be consistent with methods described in the noted standards and references and as indicated below.

Framing members shall be plumb and true. Place studs (wood or metal) not to exceed 24" o.c.

MR Board may be applied to interior ceiling when framing does not exceed 12" o.c. for 1/2" MR Board and 16" o.c. for 5/8" MR Board, including use as a substrate when ceramic tile or similar materials are to be applied to the ceiling.

Do not apply joint compound to joints or fasteners to be tiled. This may be waived if the applied tile in combination with the bonding adhesive employed fully protects the gypsum board and water-sensitive materials, if present (such as when joint compound is used), from penetration of water. Responsibility for performance of completed installations should rest with the surfacing material applicator.

All joints beyond the area to be tiled shall be treated in a conventional manner using tape and joint compound.

DECORATION

For best painting results, all surfaces, including joint compound, should be clean, dust-free and not glossy. To improve fastener and joint concealment, a coat of a quality primer is recommended to equalize the porosities between surface paper and joint compound. Drywall primer is a product specially formulated for this purpose.

The selection of a paint to give the specified or desired finished characteristics is the responsibility of the architect or contractor.

Gypsum Wallboard that is to have a wallcovering applied to it shall be prepared and primed as described for painting. Primer shall be fully cured and dry before application of wallcovering.

Gypsum Association GA-214, Recommended Specification for Levels of Gypsum Board Finish, should be referred to in order to determine the level of finishing needed to assure a surface properly prepared to accept the desired decoration.

National 
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Excellence Across The Board 