

MOISTURE-GUARD® TILE BACKER BOARD TECHNICAL DATA

MANUFACTURER

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Technical 1 (800) 225-6119

This gypsum board identified by a green face paper, has a water-resistant core intended for use as a backing for ceramic, plastic or metal tile in tub, bathroom, or shower areas.

GyProc® Moisture-Guard Tile Backer is not recommended for continuous high moisture or wet areas. (For high-moisture sidewall and ceiling applications, Dens-Shield® Tile Backer is recommended.) GyProc Moisture-Guard contains a silicone water-resistant additive in its core. For ceilings exposed or covered by tile in dry environments with only intermittent high moisture conditions, regular GyProc gypsum board may be used. Leave 1/4" between the edge of the tile backer board and the lip of the tub or shower base. GyProc Moisture-Guard is manufactured to meet ASTM C 630 specifications.

Caution: If GyProc Moisture-Guard is to be painted or papered, it should always be painted with an alkyl primer-sealer, or a pigmented varnish primer-sealer prior to receiving decoration.

DESCRIPTION

GyProc Moisture-Guard has a noncombustible, dimensionally stable gypsum core. The core contains a water-resistant additive which provides increased water-resistance. The surfacings on both faces and on the long edges are 100% recycled paper. The front face paper, which receives the tile finish is a green color. The short edges are square cut, smooth finished with no paper facing.

PRIMARY USES

GyProc Moisture-Guard is a backing material for ceramic, plastic, or metal tile in tub, bathroom, or shower areas for use in building construction. It is designed for direct mechanical attachment to wood or metal wall and ceiling framing for use in non-fire rated building assemblies. Popularly known as Greenboard.

GyProc Moisture-Guard is designed as a backer for ceramic and quarry tile. It can be used for non-tile applications.

LIMITATIONS

GyProc Moisture-Guard is a non structural product and should not be used as a nailing base or to support heavy wall mounted objects. Panels should not be installed using only staples or adhesives.

GyProc Moisture-Guard must be installed so that tile is applied on the green side of the board.

Do not use GyProc Moisture-Guard where there is prolonged exposure to temperatures exceeding

125°F and/or continuous exposure to extreme humidity; e.g., located adjacent to wood burning stoves, heating appliances, saunas, steam rooms, swimming pools, and gang shower rooms.

Do not use as shower floors or curbs. Do not use in conjunction with passive solar heat systems.

If GyProc Moisture-Guard is to be painted, it should always be primed with an primer, or a sealer prior to receiving decorative paper.

Framing spacing for ceiling applications are limited to 12" o.c. max.

APPLICABLE STANDARDS

ASTM C 630, Federal Specification SS-L-30D Type VII, Grade W, CSA A82.27.

BUILDING CODE CONFORMITY

GyProc Moisture-Guard conforms to the requirements of major building codes.

SIZES AND EDGES

Thickness (nominal): 1/2"

Width (nominal): 48"

Length (standard): 8'-12'

Thickness (nominal): 5/8"

Width (nominal): 48"

Length (standard): 8'-12'

Edges: Tapered

SUPPLEMENTAL MATERIALS

Fasteners, corner beads and trim, expansion joints, tape, joint compound. Sealants and tile adhesives.

TECHNICAL DATA

SURFACE BURNING CHARACTERISTICS

Flame spread 15 and smoke developed 0 when tested according to ASTM E 84. The core is noncombustible when tested in accordance with ASTM E 136.

SOUND CONTROL

Sounded rated assemblies require sealing at top, bottom, intersections, and other locations where sound leaks may develop.

INSTALLATION

APPLICATION STANDARDS

GyProc Moisture-Guard may be applied according to the Gypsum Association Publications GA-216, GA-201, and GA-650 or ASTM C 840 for non-fire rated construction.

METHODS

For non-rated construction, installation methods for single- or multi-layer construction involving attachment using mechanical fasteners, adhesive, or adhesive with supplemental fasteners. Refer

to Gypsum Association publications for application and installation details.

The installation method selected must be planned carefully to minimize the number of end joints. GyProc Moisture-Guard can be cut by scoring and snapping or sawing, working from face side. Position GyProc Moisture-Guard next to framing with green side away from framing. Caulk raw edges (end joints and cutouts) with adhesive or waterproofing compound. Space fasteners 6" o.c for walls and ceilings.

SAFETY

During installation involving cutting, scoring, and breaking, safety glasses are recommended. If the work environment is dusty, a NIOSH approved respirator should be worn. Do not use a power saw.

HANDLING PRECAUTIONS

Stack GyProc Moisture-Guard on a flat, level surface under protective cover. As individual sheets are removed for installation, they should be raised up on edge carefully and carried in a vertical position. Appropriate handling also is outlined in Gypsum Association Publications GA-216 and GA-801.

Take care to avoid impact, undue flexing, and damage to edges, ends, and corners.

MATERIAL SAFETY DATA SHEET

Material Safety Data Sheet (MSDS) is available upon request.

For more information, contact the local G-P Gypsum representative nearest you:

United States: (800) 876-4746 Midwest; (800) 327-2344 South; (800) 947-4497 Northeast; (800) 824-7503 West

Canada: (800)563-1696 Atlantic Provinces; (800) 361-0486 Quebec; (800) 387-6823 Ontario; (800) 661-6589 Prairies; (800) 663-6402 British Columbia

For technical assistance, contact the G-P Gypsum Technical Hotline: **800-225-6119**