



DESCRIPTION

TABLAROCA® MOLD TOUGH® gypsum panels have an inflammable core and are highly resistant to humidity and mold, are covered by the front face with a green paper and at the back with brown paper. Both paper faces are 100% recycled paper. The TABLAROCA® MOLD TOUGH® panel have beveled long edges and the short edge is flat.

PRINCIPAL USES

Residential:

Rooms with high relative humidity

- Bathrooms, locker rooms and kitchens

Commercial Use:

- Offices
- Restaurants.
- Shopping centers
- Hotels.
- Schools

ADVANTAGES AND BENEFITS

- Easy to cut without any special treatment.
- The 5.9 mm mold tough panel is classified as fire resistant by Underwriters Laboratories (UL), type SCX.
- Easy to install and as easy to finish as the regular core TABLAROCA®

Product Dimensions and Technical Information	
Gauge	12.7 mm (1/2") y 15.9 mm (5/8")
Length and width (1)	1.22 m width (4'); 2.44 m (8') and 3.05 m (10') large
Weight (2)	Regular core panel: FIRECODE® X core panel: of 15.9 mm (5/8") - 11.06 kg/m ² .
Labeling	TABLAROCA® MOLD TOUGH® brand panel and FIRECODE® X of 15.9 mm (5/8") in thickness bears UL approved seal.
Edges	Beveled

Product codes		
Product Description	Product codes	UPC
TABLAROCA® MOLD TOUGH® Gypsum board: 12.7 mm (1/2") 1.22 m x 2.44 m (4' x 8' x 1/2")	TBAM13244	0-81099-03260-8
TABLAROCA® MOLD TOUGH® FIRECODE® X GYPSUM BOARD 15.9 mm (1/2") 1.22 m x 2.44 m (4' x 8' x 5/8")	TBAX15244	0-81099-03778-8

- 1) Special order for non-standard panel sizes can be made. Ask your local USG representative about availability and features.
- 2) This figure represents approximate weight for design and shipping purposes. To learn the specific weight of the product, contact your local USG representative or call technical support at: 01 800 USG 4 YOU.

NOM-018-ENER-2011 CERTIFICATION

Plant	Thermal Resistance	Thermal Conductivity	Density	Water vapor permeability	Humidity absorption	Moisture absorption
Monterrey	0,1361m ² -K/W 0,7729 °F · Ft ² · h/BTU	0,0933 W/m-K	659,34 kg/m ³	0,311 ng/Pa·s·m	% mass (2,03) % volume (1,34)	% mass (7,54)
Puebla	0,1250 m ² -K/W 0,7098 °F · Ft ² · h/BTU	0,1016 W/m-K	674,51 kg/m ³	0,315 ng/Pa·s·m	% mass (1,43) % volume (0,96)	% mass (9,77)
Tecomán	0,1271 m ² -K/W 0,7218 °F · Ft ² · h/BTU	0,0999 W/m-K	652,92 kg/m ³	0,334 ng/Pa·s·m	% mass (0,68) % volume (0,45)	% mass (5,82)



STANDARDS TESTING

Tested as per ASTM C473 and NOM 018 ENER 2011 in Mexico for 12.7mm panel, the average water absorption of panels is not more than 5% after two hours of immersion. Although all versions of the product are optimized to resist humidity and mold, compared to regular gypsum core, independent laboratories performed testing at the time of manufacture, only the 15.9 mm FIRECODE® core, in accord with ASTM D3273: “Standard testing method of mold growth on finished interior surfaces in a controlled environment”, indicating a maximum result of 10.

This laboratory test cannot represent the performance of **TABLAROCA® MOLD TOUGH®** of the building materials in construction uses, if inappropriate conditions occur.

during storage or installation, or after finishing, any material can be infested by mold. To control the growth of the same, the most efficient strategy is to protect the building products from exposure to water during storage and construction, and after building is concluded. This can be done by using best practices in construction and design.

Meets or exceeds ASTM C-1396 and C630.

ASTM E136, Inflammable gypsum core.

ASTM E84, Flame propagation 15 and smoke emission 0.

NOM- 018- ENER-2011 Certification

TABLAROCA® MOLD TOUGH®	D3273	Mold Resistance
	C 37	Standard Specification for Gypsum lab
	C 11	Standard Terminology Relating to Gypsum and Related Building Materials and Systems1
	E 136	Flammable Gypsum core
	C1629	Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels
	C 630-90	Panel Specifications WR on back
	C 473	Standard Test Methods for Physical Testing of Gypsum Panel Products1
	C1396	Standard Specification for Gypsum Board
	E-84	Standard Test Method for Surface Burning Characteristics of Building Materials
	C1396/ C 1396M	Standard Specification for Gypsum Board
	C630	Panel Specifications WR on back

INSTALLATION INSTRUCTIONS

CONTINUOUS CEILING:

TABLAROCA® MOLD TOUGH® gypsum core panels are recommend for areas exposed to humidity where mold often grows, but not for areas directly exposed to water. The system is comprised of No. 12 galvanized wire hangers installed with maximum spacing of 1.22 m. (4 ft). The first hanger should be placed 15 cm from wall. USG load channels are hung in parallel fashion from these hangers, and perpendicular strip channels are then hung between these parallel lines. These perpendicular elements spaced at a maximum separation of 61 cm (24 ") are tied in place using no. 16 or 18 galvanized wire. Panels are then screwed into place using 1 " USG type S screws at a maximum spacing of of 30.5 cm. Joints should be no more than 15 m in length in continuous ceilings and L-, U- and T-shaped areas.

DIVIDING WALLS: TABLAROCA® MOLD TOUGH® gypsum core panels are recommend for areas exposed to humidity where mold often grows, but for areas directly exposed to water wall systems are composed of metal frames, floor-header channels and USG posts. Floor channels are fixed to the floor and the underfloor using a proper securement method.

Posts are installed inside floor-header channels using ½" Tek flat-head screws for 20 gauge of ½" framer screws for 26 gauge, observing a separation of 61 cm (2 ft) between each securement point.

Single layer panels are installed using 1" type S screws for 26 gauge metal frames, and 1" Tek Drill screws are used to install single layer panels to 20 gauge metal frames. When installing double layer, use 1 5/8" type S screws for 26 gauge and 1 5/8" Tek Drill screws for 20 gauge.

In wall applications, joints between panels should be no more than 9 m in length or height.

Perfatrim® metal accessories are recommended for finishing corners and continuous ceiling or wall perimeters.

Finish quality obtained depends on the number of layers of REDIMIX® multiuse joint compound applied to the entire surface of walls or ceilings.



STORAGE CONSIDERATIONS

- Do not expose product to temperatures above 52° C (125° F).
- Before, during and after installation do not expose product to continuous conditions of high humidity.
- Water in storage areas should be immediately eliminated and wet panels should not be used.
- This product is not recommended for use in areas exposed to water, such as shower stalls, bath tubs and other areas exposed directly to water.
- This product is not designed for load bearing uses.

- Before and during handling USG products, follow current industrial safety standards. Take all prudent precautions and use proper personal safety equipment.
- Before selecting and installing this product, carefully read manuals and instructions published by USG Latin American.

USG MANUFACTURER WARRANTY

USG guarantees against product defects for a period of thirty days after purchase. All claims require presentation of proof of purchase (invoice or receipt) to the USG authorized distributor that sold the product.

COMPLEMENTARY PRODUCTS:



- Multipurpose Joint Compound Redimix® Brand
- PERFACINTA® tape
- USG SHEETROCK® tools
- USG METALS: studs, channels and screws

NOTE:

- If thermal and acoustic systems are needed: Fiberglass Blankets.
- If thermal and acoustic systems for fire protection are needed: Mineral Wool Blankets.

