

CertainTeed

ProRoc[®]
BRAND

1/4" Flex Gypsum Board

Data Sheet

For easy construction of interior curved surfaces.

For the soft curves of today's interior designs, we have created ProRoc[®] 1/4" Flex, the dry-bendable gypsum board of choice for stairways, vaulted ceilings, and column enclosures. ProRoc[®] 1/4" Flex is ideal for residential, commercial or industrial applications.

Composed of a 6.4mm (1/4") gypsum core and encased in heavy 100% recycled paper, ProRoc[®] 1/4" Flex's lightweight core provides greater flexibility for easier contouring to frames. ProRoc[®] 1/4" Flex can also be set in double layers for matching to adjacent 12.7mm (1/2") wallboard constructions.

For stronger joints and a smoother surface, we recommend the use of joint compound between board edges, and as a skim coat over the entire face of the board. ProRoc[®] 1/4" Flex can then be painted, textured, or wallpapered for the desired look.

THE SIMPLICITY OF DRY BENDING

Designed to handle smooth curved applications without the need to dampen or wet the board, ProRoc[®] 1/4" Flex is easy to install and quick to cleanup after—resulting in a more cost-efficient job.

Expansion and contraction of ProRoc[®] 1/4" Flex gypsum board is negligible under normal atmospheric conditions.

Because the gypsum core is inherently fire resistant and non-combustible, ProRoc[®] 1/4" Flex provides a margin of safety to any building system.

For further information regarding specified handling, storage and application methods, consult the relevant CSA and ASTM application standards and Gypsum Association (GA) literature. The Gypsum Board

Systems Manual contains construction details, fire resistance ratings and sound transmission classification (STC) ratings for the full range of building systems. The Gypsum Board Systems Manual and MSDS information are available on our web site, www.certainteed.com

PRODUCT DATA

THICKNESS

6.4mm (1/4") ProRoc[®] 1/4" Flex Gypsum Board

LENGTH

2440mm (8') and 3660mm (12')

WIDTH

1220mm (4')

WEIGHT (APPROX.)

6.4mm (1/4") – 4.9 kg/m² (1.0 lb/ft²)

CORE

Gypsum (non-combustible)

EDGE

Tapered, paper bound – factory finished

END

Square – factory cut

MINIMUM BENDING RADII

Board Applied Widthwise (Parallel to Framing)

	min. bend radii	max. stud spacing
Outside (convex) Dry	300mm (12")	150mm (6")
Inside (concave) Dry	500mm (20")	200mm (8")
Outside (convex) Wet	175mm (7")	125mm (5")
Inside (concave) Wet	250mm (10")	150mm (6")

Board Applied Lengthwise (Perpendicular to Framing)

Outside (convex) Dry	760mm (30")	225mm (9")
Inside (concave) Dry	760mm (30")	225mm (9")
Outside (convex) Wet	360mm (14")	150mm (6")
Inside (concave) Wet	500mm (20")	200mm (8")

PRODUCT STANDARDS

- CAN/CSA-A82.27 Gypsum Board
- ASTM C 1396 Gypsum Board
- ASTM C 36 Gypsum Wallboard

SURFACE BURNING CHARACTERISTICS

- Flame Spread Rating 15
 - Smoke Developed Classification 0
- Flame Spread Rating and Smoke Developed Classification tested in conformance with CAN/ULC-S102 / ASTM E 84

APPLICATION STANDARDS

- CAN/CSA-A82.31 Gypsum Board Application
- ASTM C 840 Application and Finishing of Gypsum Board
- GA-216 Application and Finishing of Gypsum Board
- National Building Code of Canada (NBCC)

FINISHING STANDARDS

- GA-214 Levels of Gypsum Board Finish
- Note: To improve fastener concealment where gypsum panel walls and ceilings will be subjected to strong artificial or natural side lighting and/or decorated with a gloss paint (egg shell, semi-gloss or gloss), the gypsum panel surface should be skim coated with joint compound to equalize suction before painting. (Level 5 Finish.) See GA-214.

LIMITATIONS

- Not recommended for use where greater than normal moisture resistance is required.
- Not recommended for exterior application.
- Not recommended for continuous exposure to temperatures exceeding 52°C (125°F).
- All materials should be kept dry.
- All materials should be stored indoors.
- All materials should be neatly stacked flat on a level platform.

Distributed by:

CertainTeed 

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482

Professional: 800-233-8990
Consumer: 800-782-8777
www.certainteed.com

Characteristics, properties or performance of materials or systems manufactured by CertainTeed herein described are derived from data obtained under controlled test conditions. CertainTeed makes no warranties, express or implied, as to their characteristics, properties or performance under any variations from such conditions in actual construction. CertainTeed assumes no responsibility for the effects of structural movement.

™ © CertainTeed and the tag line "Quality made certain. Satisfaction guaranteed." are trademarks of CertainTeed Corporation. All other trademarks are the property of BPB plc or its affiliates and related companies.

NOTICE: The information in this document is subject to change without notice. CertainTeed assumes no responsibility for any errors that may inadvertently appear in this document.

©01/07 CertainTeed Corporation. Printed in Canada on recycled paper. ♻️ March 2007 Form #: L-DS-016-B