



## **SPECIFICATION PG - 003**

ASTM Standard Specification C 1396

## **REFERENCE DOCUMENTS:**

ASTM Standard Specification C 1396, C 475 and C 840

Formally ASTM Standard Specification C 630

GA-216 - "Application and Finishing of Gypsum Board"

GA-600 - "Fire Resistance Design Manual"

PABCO® Gypsum - "Gypsum Board Products and Systems"

ICC - ICC ESR #1338

UL - "Fire Resistance Directory", Roofing Materials and Systems

Directory and Building Materials Directory

## **DESCRIPTION:**

PABCO® WATER CURB® is intended as a base for ceramic or plastic wall tile or plastic finish panels in dry areas. PABCO® WATER CURB® may also be painted or otherwise decorated. PABCO® WATER CURB® may be used on ceiling areas where extra framing is provided; 12" on center maximum spacing for 1/2" thick gypsum panels and 16" on center maximum spacing for 5/8" thicknesses.

PABCO® WATER CURB® panels are manufactured in 1/2" and 5/8" thicknesses. 1/2" has a treated regular core and 5/8" has a treated type X core. PABCO® WATER CURB® is manufactured 4' wide and in 8' - 12' lengths with tapered edges and blue-green face paper with blue-green or gray back paper both treated chemically to provide a water-repellent surface. The core of the gypsum panel is chemically treated to make it water-resistant.

1/2" treated WATER CURB® is recommended for residential construction; 5/8" treated type X WATER CURB® shall be used on fire and sound rated systems as required and in most commercial construction.

## **APPLICATION:**

PABCO® Gypsum endorses and recommends the application specifications published in ASTM C840 and in GA-216 (Application and Finishing of Gypsum Panel Products available from [www.gypsum.org](http://www.gypsum.org) .)

Wall framing for the application of PABCO® WATER CURB® shall be 16" on center unless additional blocking is provided that supports horizontal joints. Interior angles shall also provide solid backing for panels. (continued over)

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## **APPLICATION:**

(continued)

On installations requiring fire or sound ratings the gypsum panels shall extend full height, floor to ceiling. Screws or nails shall be used for attachment of PABCO® WATER CURB® with spacing not to exceed 8" on center; adhesive attachment only is not recommended. All joints in WATER CURB® panels shall be taped with one coat of taping compound but no finish coats are to be applied to areas intended to receive tile. Where tile or plastic wall panels are to be applied over WATER CURB® the attachment shall be that specified by the surface manufacturer. Responsibility for performance of the finished system shall be that of the surfacing material manufacturer and/or that of the finishing applicator.

## **LIMITATIONS:**

1. PABCO® WATER CURB® shall not be used where there will be direct exposure to moisture or high humidity such as tub surrounds, showers, saunas, indoor pools or steam rooms.
2. PABCO® WATER CURB® panels are not recommended over construction materials other than wood or steel studs.
3. Panels shall not be installed over a vapor retarder; #15 lb. felt is not considered a vapor retarder.
4. In applications where tile is to be applied as the finish material, use of resilient channel is not recommended.

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