MR-MANUFACTURER
DUROCK® Exterior Systems are manufactured by United States Gypsum Company, a leader in construction materials and building systems for 90 years.

For specifications on this product, 1.) close this product Snapshot, 2.) click on the Manufacturer's Showcase button, 3.) select the screen, *Specification: DUROCK Exterior Cement Board* from the drop-down Showcase list that appears in the upper right of your screen.

PP-PRODUCT PRESENTATION
DUROCK Exterior Systems offer architects and builders lightweight, fire-resistant assemblies for steel-framed and wood-framed exteriors. Utilizing conventional materials, methods and equipment, these high-performance systems are suitable for many types of structures. DUROCK Exterior Cement Board or DUROCK Cement Board is readily attached to wood or steel framing spaced max. 16" o.c. Large-size panels are nailed or screwed to wood studs and screw-attached to steel studs.

DUROCK Cement Panel -- a term which includes both DUROCK Exterior Cement Board and DUROCK Cement Board -- is formed in a continuous process and consists of an aggregated portland cement core reinforced with polymer-coated, glass-fiber mesh embedded in both surfaces. Boards are made 1/2" thick and 32" or 48" wide, cut to 8' lengths, and cured before shipment. Other sizes available on special order. Ends are square cut and edges reinforced and finished smooth.

Features
Superior Performance -- DUROCK Exterior Systems are weather-resistant, withstand high temperature, humidity, water, wind, and repeated freeze-thaw cycles. The board provides a strong, durable substrate for thin brick, tile, stone aggregate, DUROCK Exterior Finish and EIFS. DUROCK Cement Panel is an excellent sheathing for use in EIFS because, unlike gypsum board, it will not soften or delaminate after prolonged exposure to moisture.
Fire Resistance -- 1- and 2-hour fire-resistance ratings are achieved with wood or steel studs.
Lightweight -- These systems provide a similar appearance but weigh considerably less than masonry, precast or poured concrete, reducing structural foundation requirements.
Detailing -- Double or single layering can provide design options such as quoins, lintels, dentils, banding and keystones.

UA-USES, APPLICATIONS
These systems may be used for:
* Ceilings and Soffits -- large or small areas including curves, boxed beams.
* Curtain Walls -- spandrel or in-fill panels including sloped sills (with proper detailing), mechanical enclosures, parapets.
* Bearing Walls -- residential or commercial, wood or steel framing.
* Panelization -- for factory or jobsite fabrication including finished modular units.

* Swimming Pool Enclosures -- walls and ceilings, color and texture may be varied to contrast or complement glass and other exterior materials.
* Fences and Signs -- stucco finish with ceramic tile for unique designs.

AI-ASSEMBLY, INSTALLATION
Ceramic tile, thin brick, stone aggregate set in an epoxy matrix, DUROCK Exterior Finish or EIFS may be used as the exterior facing, as described below:
For all DUROCK Exterior Systems
* Approved water barrier, installed over the framing or stapled to back of DUROCK Cement Panel.
* DUROCK Cement Panel, attached to steel framing using DUROCK Steel Screws, or to wood framing using DUROCK Wood Screws or hot-dipped galvanized roofing nails.
* DUROCK Exterior Tape, embedded over all panel joints (except on DUROCK EIFS).
For Tile and Thin Brick Systems
* DUROCK Latex Fortified Mortar or DUROCK Exterior Basecoat -- Fiber-Reinforced applied 1/8" thick over entire DUROCK Cement Panel surface.
* DUROCK Latex Fortified Mortar applied as the bond coat for ceramic tile and thin brick; DUROCK Latex Fortified Grout used to fill joints between units.
For Exposed Aggregate Systems
* Epoxy matrix finish with stone aggregate applied over entire DUROCK Cement Panel surface.
Consult manufacturer of ceramic tile, thin brick and aggregated epoxy matrix to determine suitability as an exterior surface and for complete application instructions.
For DUROCK Exterior Finish System
* DUROCK Exterior Basecoat or DUROCK Exterior Basecoat -- Fiber-Reinforced, applied over DUROCK Cement Panel according to directions.
* DUROCK Exterior Finish coat, applied over DUROCK Exterior Basecoat according to directions. It can be applied or finished in many textures.
Quoins, dentils, keystones, or other elements can be installed over basecoated DUROCK Cement Panel and decorated with DUROCK Exterior Finish.
For DUROCK Exterior Insulation and Finish Systems (EIFS)
* DUROCK Insulation Board is bonded with DUROCK Exterior Basecoat to DUROCK Cement Panel.
* DUROCK Exterior Basecoat and Reinforcing Mesh are applied over DUROCK Insulation Board and allowed to cure.
* DUROCK Exterior Finish is applied over DUROCK Exterior Basecoat according to directions.

MF-MATERIALS, FINISHES
Materials for DUROCK Exterior Systems include DUROCK Wood and Steel Screws, DUROCK Exterior Tape, DUROCK Exterior Basecoat and DUROCK Exterior Finish.

CS-COATINGS, SURFACING
DUROCK Cement Panel serves as a base for ceramic tile, thin brick, epoxy matrix stone aggregate surfacing and DUROCK Exterior Basecoat and Finish.

In addition, the board may serve as the sheathing in exterior insulation and finish systems (EIFS).

TS-TECHNICAL SUPPORT
For further information on specifications, design criteria and product performance, order catalog *SA-700 DUROCK Exterior Systems* by calling toll-free 1-800-USG-4YOU (874-4968).

CC-CODES, CERTIFICATION
See National Evaluation Service Report No. 396 for allowable values and/or conditions of use concerning material presented here. It is subject to reexamination, revisions and possible changes.

DUROCK Exterior Systems with tile and thin brick meet the requirements of the Ceramic Tile Institute and are included in its Tested Material List.

OM-OPERATION, MAINTENANCE
Contact local U.S. Gypsum Company Sales Office with any questions about maintenance and replacement recommendations.