



CMU PRODUCT DATA SHEET

Applies to all configurations, textures, and colors | LW, MW, and NW mix densities | Hi-Stress 3,250 PSI available

PRODUCT NAME

- **CMU – Concrete Masonry Units**
For Buildings (below and above grade). Fully grouted.

QUALITY ASSURANCE

- Certifications: Concrete blocks shall conform to **ASTM C90** latest edition. Units may contain pre-consumer and post-consumer recycled content. Contact your ORCO Architectural Rep for details.
- ORCO CMU are produced from regional materials and offer high thermal mass properties. CMU contain no VOC's, are mold resistant and provide low life cycle costs. CMU are available in a wide variety of colors and textures.

FIRE RESISTANCE

- Per 2022 CBC Table 722.3.2 Minimum Equivalent Thickness (inches) of Bearing or Nonbearing Concrete Masonry Walls.
- Refer to [CMHA Tek 07-01D Fire Resistance Ratings of Concrete Masonry Assemblies](#) for more details.

FIELD CONSTRUCTED MOCK-UPS

- Construct a sample panel, no less than 4'x4' for the colors and patterns to be used in the project.
- Variegated colors to have a minimum of 4'x8' mock-up wall. Panel will be used to represent product and workmanship expected for the project. Either the project owner or the architect must approve the panel.
- Full-size units are preferred to illustrate color and texture for approval.

DELIVERY, STORAGE, AND HANDLING

- ORCO CMU shall be delivered to the jobsite on wooden pallets. Store pallets in single stacks on level ground and cover with waterproof covering during inclement weather. Handle carefully to avoid breakage and damage to the finished surfaces.

INSTALLATION

- Protect work by covering walls each day to keep open cells protected and dry.
- Protect installed units from damage by other trades performing operations that can stain or otherwise damage the finished surfaces and corners.

SEALER/CLEANER

- Use non-acidic cleaners suitable for use with concrete masonry products.
- Use breathable, water based, low-VOC sealers where specified.

PRODUCTS COVERED

- Includes all structural, load-bearing, fully grouted masonry units, including closed ends, open ends, double open ends, halves, U-lintels, deep U's, pilasters, and bond beams.

GENERAL SUBMITTAL INSTRUCTIONS

- Submit product data sheet, certifications and samples for each specified color and texture

MANUFACTURER AND LOCATIONS

ORCO Block & Hardscape
orco.com

ORANGE/LOS ANGELES
11100 BEACH BLVD
STANTON, CA 90680
(714) 527-2239

INLAND EMPIRE
4510 RUTILE ST
RIVERSIDE, CA 92509
(951) 685-1521

SAN DIEGO
3501 OCEANSIDE BLVD
OCEANSIDE, CA 92056
(760) 757-1780

COACHELLA/IMPERIAL
35-240 DILLON RD
INDIO, CA 92201
(760) 347-4000

WARNING

This product can expose you to Silica, crystalline (airborne particles or respirable size) which is known to the State of California to cause cancer. For more information go to **www.p65Warnings.ca.gov**.

