



*The Strength  
Behind the Beauty*

## Util-A-Crete® Concrete Backerboard

Concrete backerboard designed to provide a permanent base for a wide variety of interior and exterior applications for tile, stone and more.



Util-A-Crete is made of durable Portland cement, alkaline resistant fiberglass mesh and lightweight aggregate.

It's unaffected by water, moisture or steam and will not decay, warp or soften. It actually increases in strength over time.

With a compressive strength of  $\geq 2600$  psi (ASTMD 2394) and flexural strength of  $\geq 1500$  psi (ASTM C 947), Util-A-Crete is proven to be the strongest backerboard in the industry

Available in;  
1/4", 1/2" and 5/8" thickness



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## Util-A-Crete® Concrete Backerboard Installation (For complete instructions see Data Sheet)

### FASTENING

- Wood Studs:** Nominal Dimensions - 2" x 4" with maximum span of 16" o.c.
- Fasten boards directly to studs using either 1 1/4" Hi-Lo type S-point screws or conventional 1 1/2" galvanized roofing nails, preferably screw type. Fasteners should be spaced 8" o.c. All fastener heads should be countersunk flush with the surface of the board.
- Steel Studs:** Minimum Thickness - 20 gauge or heavier with maximum span of 16" o.c.
- When using 20-gauge studs, use a corrosion resistant 1 1/4" Hi-Lo bugle head type S-point screw or 1 1/4" RocOn type S-point screw. When using 18-20 gauge studs, use a corrosion resistant 1 1/4" #8 screw with a type S-12 self drilling point or a corrosion resistant screw with self-embedding head and drill point. Fasteners should be spaced 8" o.c. All fastener heads should be countersunk flush with surface of the board.

### Joints

- All horizontal and vertical joints and corners, including joints with dissimilar materials, shall have a gap approximately 1/8" to 3/16" which must be filled solid with a dry-set or latex-portland cement mortar.
- 2" wide alkaline resistant fiberglass mesh tape shall be embedded in a very thin coat of the same mortar over the joints and in the corners.

### TILE INSTALLATION

- Install tile using a dry-set or latex Portland cement mortar with a proper notched trowel to provide a 3/32" thickness of mortar after the tiles are set. The mortar must be applied first as a skim coat with the trowel's flat edge so as to force the mortar into the tiny openings on the board surface. This ensures a good mechanical bond. Then trowel the mortar with the tool's notched edge.
- NOTE:** For more details on tile systems refer to the Tile Council of North America Handbook and ANSI Specifications for Installation of Tile Standards.

