

## Finishing:

- **Caulking:**

Use high quality, exterior grade paintable elastomeric caulk, complying to ASTM 920.

- **Painting:**

- Use high quality, exterior grade, 100% Latex/Acrylic water-based paint. On factory primed siding, apply minimum one un-thinned topcoat.
- On unprimed siding, apply one coat of alkaline resistant, non solvent-based, primer, followed by minimum one un-thinned topcoat.
- Many paint manufacturers enhance their warranties for fiber-cement. Always follow paint manufacturer's instructions for color coat requirements.

## Warranty:

MultiShake comes with a 30-year limited, prorated, transferable, product warranty against manufacturing defects.

- The warranty requires that MultiShake be primed and painted with non-solvent based paints.
- MaxiTile will not be held responsible for water infiltration within the wall or wall cavity.
- The warranty does not cover product failure caused by installation defects. It is therefore of utmost importance that these installation instructions are strictly followed, especially, but not limited to, type and positioning of fasteners.

## MAXIMUM WIND SPEED ANALYSIS FOR 1997 UNIFORM BUILDING CODE

PRODUCT	WIDTH	FASTENER TYPE	FASTENER SPACING	FRAME TYPE	SHEATHING	STUD SPACE	HEIGHT OF BUILDING	MAXIMUM BASIC WIND SPEED (MPH)	
								Exp B	Exp C
MultiShake without air permeability consideration	1/4"	2" x .113" shank x .267" head nail	1 nail each stud. Total 4 nails per 48" wide panel	2 x 4 wood	15/32" CDX Plywood	16"	15	90	70
							20	80	-
							40	75	-
							60	70	-
MultiShake with air permeability factor of 0.6	1/4"	2" x .113" shank x .267" head nail	1 nail each stud. Total 4 nails per 48" wide panel	2 x 4 wood	15/32" CDX Plywood	15	115	85	
						20	110	85	
						40	100	80	
						60	90	75	
						100	85	70	

# MULTISHAKE

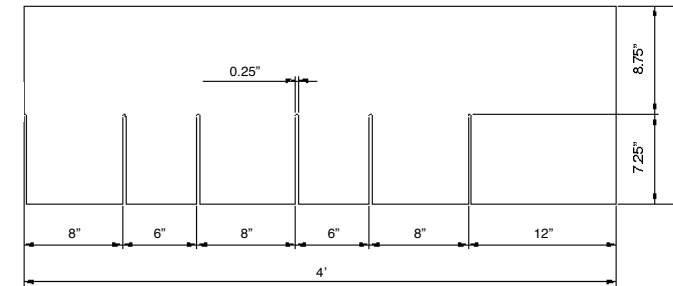
## STRAIGHT AND STAGGERED EDGE SIDEWALL PANELS

### INSTALLATION INSTRUCTIONS

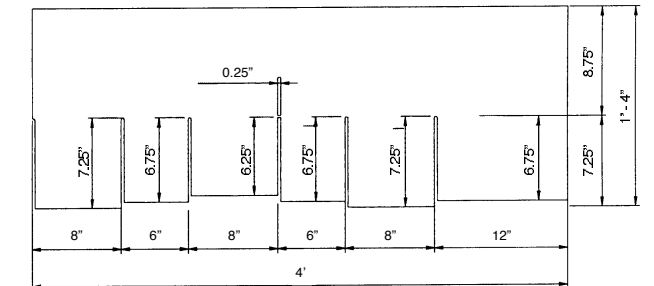
MultiShake is a fiber-cement exterior siding panel. It will not rot or deteriorate. It is non-combustible with zero flame spread and zero smoke generation.

MultiShake is available with straight or staggered edge, and Classic Cedar or Combed Cedar texture. The panels are 16" high x 48" wide x 1/4" thick.

#### Straight Edge Panel 43 pieces per square - 7" exposure

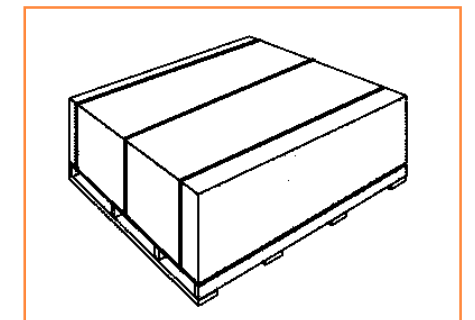


#### Staggered Edge Panel 50 pieces per square - 6" exposure



## Packaging, Storage and Handling:

- 300 pieces per unit, sufficient to cover approximately
  - 700 square feet using straight edge panels;
  - 600 square feet using staggered edge panels.
- Protect from the weather.
- Store dry and level prior to installation.
- **Installing wet siding may cause shrinkage at butt joints, which could produce breakage at corners.**



## Cutting:

- If power-sawing, use carbide- or diamond tipped blade.
- Wear mask and goggles for protection when power sawing.
- For score-and-snap cutting, use a carbide tipped scoring tool or a sharp knife:
  - Using a straight edge as a guide, carefully draw the scoring tool several times towards yourself, applying even pressure.
  - Bend upwards and break.
- Round openings can be made by drilling several holes around circumference of the desired opening and tapping out the center.

### Maxitile, Inc.

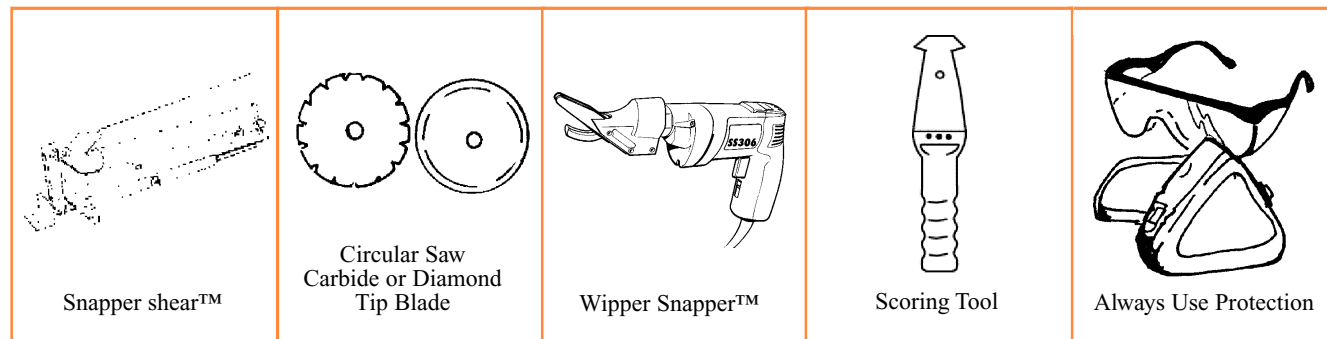
849 East Sandhill Avenue  
Carson, CA 90746  
Ph: 310/217-0316 • Fax: 310/515-6851



1-800-338-8453

Email:  
customer.service@maxitile.com

Website:  
www.maxitile.com

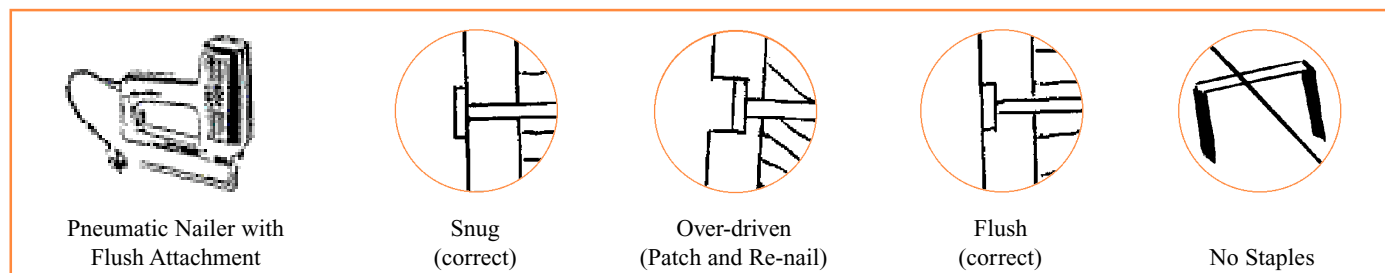


### Framing:

- Follow local building code for proper framing and flashing requirements.
- MultiShake can be installed over wood studs, spaced at 16" O.C., and covered by min. 7/16" thick plywood or OSB sheathing.
- A weather resistive barrier must always be used between the framing and the siding.
- MaxiTile, Inc., will not assume any responsibility for water infiltration within the wall or wall cavity.

### Fastener:

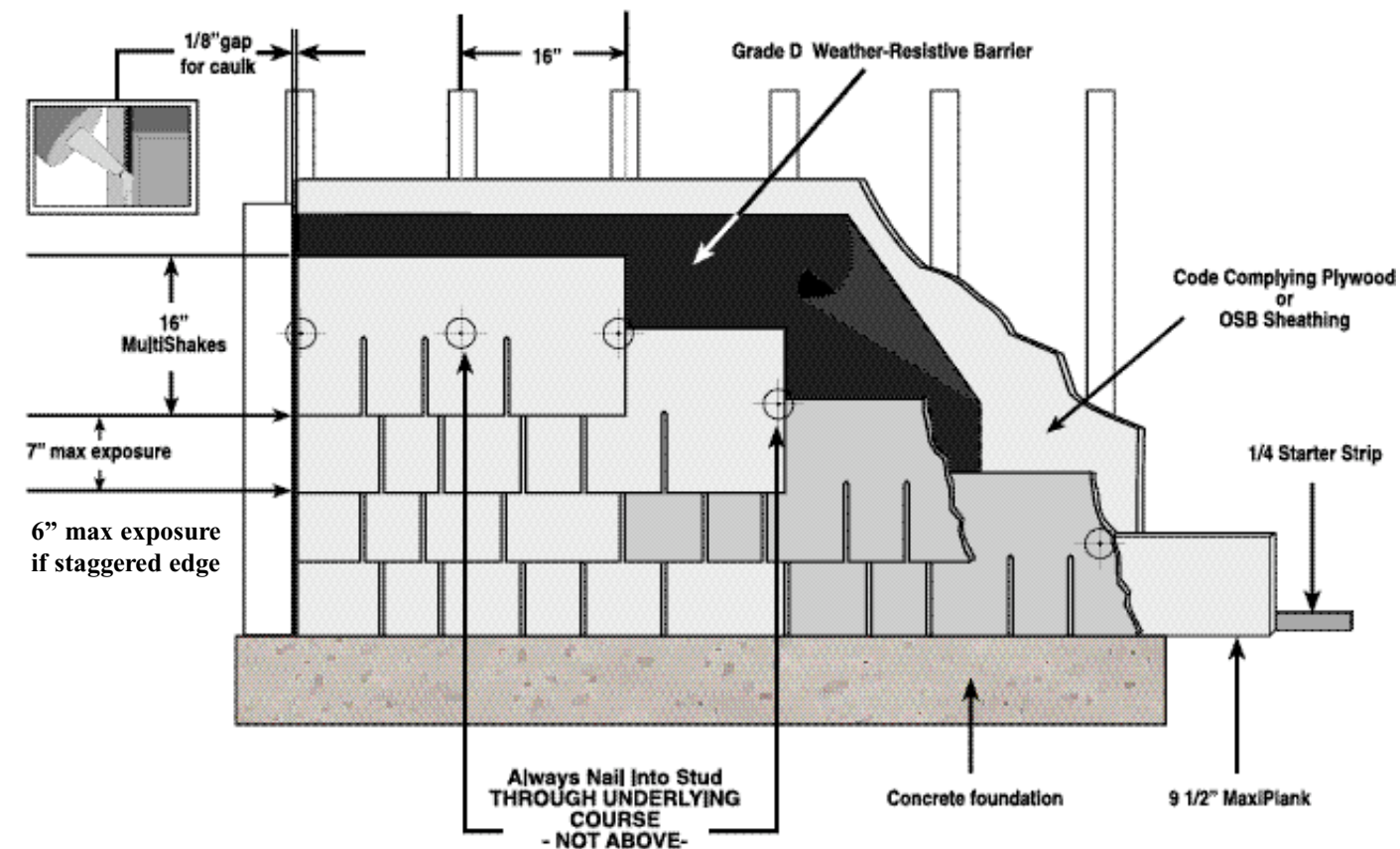
- Nails must be corrosion-resistant, preferably hot dipped galvanized.
- **Staples are not allowed.**
- Use 2" long siding nails, with min. 0.113" diameter shank and 0.270 head.
- Nails must always hit studs, penetrating a min. of 1-inch into stud.
- Nails can be applied using a smooth head hammer or a pneumatic nail gun with flush attachment so that nails are not over-driven. Nails must always hit studs, penetrating a min. of 1 inch into stud.
- Fastener heads should fit snug and flush against siding. If over-driven, patch and re-nail.



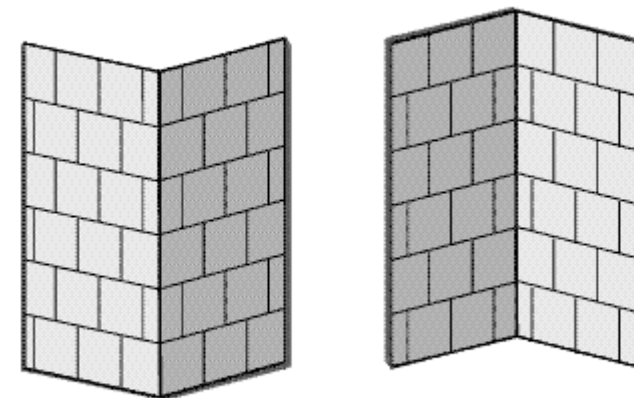
### Installation:

- Fasten metal or wood stops at all corners.
- Locate and mark stud locations behind the weather barrier and sheathing to be sure that all nails will hit studs.
- Install a 1/4" thick starter strip level to the desired bottom of the first panel by nailing to the sill plate, and a minimum 9-1/2" wide plank starter course.
- Starting at an external corner and leaving 1/8" gap, install the first panel level to the base of the starter course and, if necessary trim to hit furthest stud. Nail panel above slots, **through previous course**, into studs 16" O.C. Butt the next next panel lightly to the preceding piece. Caulk is only necessary at trim boards at doors, windows, corners, etc. (Be sure to allow 1/8" gap at trim)
- The **first** piece in the second course, and in every following **even numbered** course (4, 6, 8, etc.), must be trimmed equivalent to one full stud cavity. Measure and cut from the straight edge end. You may be able to use the cut piece at the other end of the wall. Following pieces are full-size. All even numbered courses will measure 1 full stud cavity less than the odd numbered courses.

- To begin the second course, the head lap must be 9" on straight edge panels to allow a 7" maximum exposure (*if using staggered edge panels the maximum exposure is 6"*). Nails are to be applied a min. of 3/8" from edge of panel and min. of 1" from top edge of underlying previous course. Be sure to **nail through previous course not above.**
- At doors or windows, continue as if the wall was complete.
- MultiShake panels should be installed in compliance with local Building Code requirements for clearance between the bottom edge of panel and or framing and the adjacent finished grade.



### LACED CORNERS



### TRIMMED CORNERS

