








## ROOF TILE CEMENT

**T**ITAN AMERICA® Roof Tile Cement secures concrete and clay roof tile installations. Roof

Tile Cement adds further color diversity to tile roofing systems.

Grey cement is most commonly used with darker colored tiles.

White cement can be made more vibrant with added colors.

-  Extensively tested
-  Controlled production
-  Superb barrier to moisture
-  Excellent crack reduction qualities
-  Characteristics desired by plasterers



# ROOF TILE CEMENT



## RECOMMENDED USES

Titan America® Roof Tile Cement secures concrete and clay roof tile installations. Roof Tile Cement adds further color diversity to tile roofing systems. Grey cement is most commonly used with darker colored tiles. Mineral oxide pigments can be added to the mortar to produce a more uniform, less accented roof line.

## SPECIFICATIONS AND QUALITIES

Titan America® Roof Tile Cement is a top quality, multi-purpose product formulated with finely ground Portland cement and special admixtures to meet a wide variety of job requirements. The qualities of the cement include: workability, sand-carrying capacity, adhesiveness, water retention and setting time. Titan America® Roof Tile Cement meets or exceeds the requirements of ASTM C-91. A one bag mix of Titan America® Roof Tile Cement when mixed with masonry sand (ASTM C-144) and tested according to ASTM C-270 will produce a mortar that complies with the requirements for Type 'M' masonry.

## INSTRUCTIONS

Titan America® Roof Tile Cement

Type	PROPORTIONAL MIXING GUIDELINES		
	Titan America® Masonry 70 lb. bags	Sand/Arena	
		Parts/Partes Cement : Sand Cemento : Arena	Shovels/Part Palas/Parte
M	1 Bag	2½ : 3	15-18

- No allowance for waste, aggregate size or field conditions.
- One bag of Titan America® Roof Tile Cement is approximately one cubic foot by volume.
- Approximately six #2 shovels of damp, loose sand equals one cubic foot by volume.

Add minimum quantity of clean, potable water and mix for a minimum of 5 minutes to achieve mortar consistency for proper placement.

## CEMENT PREPARATION

Titan America® Roof Tile Cement is an extremely durable mix with excellent bonding ability. The cement must be kept moist to develop its full strength and premature drying out must be avoided. Roof Tile Cement requires quality measures to prevent premature loss of moisture, and proper curing procedures must be followed. Excess mixing water lessens strength and durability of concrete. Roof Tile Cement should be mixed only with clean sand and potable water unless prior sampling shows potential job materials will produce the desired mortar.

Mix in a mechanical mixer as follows:

- 1) Add approximately 2/3 of the potable water required.
- 2) Add 1/2 of the sand (ASTM C-144 approved) required.
- 3) Add Titan America® Roof Tile Cement.
- 4) Add the remainder of the sand (ASTM C-144 approved).
- 5) Add enough potable water to bring the mix to the desired consistency.
- 6) Allow to mix 5 minutes from the introduction of the last ingredients.



## ACCESSORY PRODUCTS

The water and aggregate used in the mixing process should be free of any substance that could adversely affect the hardened masonry or any metal accessories used in the system.

## CAUTION

Causes skin irritation, injurious to eyes. Contains Portland Cement. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water. If any cement or cement mixtures get into the eyes, rinse immediately and repeatedly with water for 15 minutes and get prompt medical attention.

## KEEP OUT OF THE REACH OF CHILDREN

Titan Florida  
11000 NW 121st Way  
Medley, FL 33178



For additional information or to obtain Material Safety Data Sheets, please visit [www.titanamerica.com](http://www.titanamerica.com) or call Customer Service at (800) 226-2057.