



ROOF TILE MORTAR MIX

◆ The Pro's Choice Since 1936



Sakrete® Roof Tile Mortar Mix is a mixture of high strength masonry cement and sand designed as the adhesive/mortar for the installation of roof tiles.

2. Install in accordance with Building Code Requirements, ACI 530/ASCE-6, Specifications for Masonry Structures, National Tile Roof Manufacturers Association recommendation, project requirements and this product information.
3. After Sakrete Roof Tile Mortar Mix has been properly mixed it should be applied to a minimum of a full 10" masons trowel for each tile.
4. Different tiles will require different adhesion patterns.
5. Tiles should be placed on the Sakrete Roof Tile Mortar within 5 minutes of application.

NOTE: As with all Hydraulic Cement based materials, surface cracking may occur due to curing conditions, control joint configurations, over watering, over troweling, or other conditions beyond the control of Sakrete.

Refer to:

1. ACI 306R Cold Weather Concreting
2. ACI 305R Hot Weather Concreting

Mixing:

1. Only mix with clean potable water. The water quantities shown are approximate and may vary slightly with the type of equipment and application conditions.
2. Empty contents of entire bag of Sakrete Roof Tile Mortar Mix into a mortar or plaster mixer.
3. Add 1.5 gal (5.7 L) of clean potable water per 80 lb (36.3 kg) bag.
4. Mix a maximum of 3 minutes to achieve a lump free mortar consistency.
5. Avoid over watering and mixing
6. Use within 2 hours of mixing.
7. Re-tempering will reduce strength. Wind, temperature, and absorption rate of substrate affects performance.

NOTE: Water with high mineral salt content can cause efflorescence.

Curing:

1. Protect from rain for a minimum of 24 hours after placement. ACI 308 Standard Practice for Curing Concrete.
2. Under such conditions, cure per Portland Cement Associations – Design and Control of Concrete Mixes (EB001.12 T) and/or American Concrete Institute 308 – Standard Practice for Curing Concrete.

Precautions:

Air, mix and substrate temperatures should be between 50°F (10°C) and 90°F (32°C). For applications outside this range of temperatures and conditions, contact Sakrete Technical Service.

- Colder temperatures or higher humidity conditions will retard set times
- Do not add accelerators, retarders, plasticizer or other additives.

NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.

Features:

- Meets South Florida and Metro-Dade Building Code requirements for high profile Tile Metro-Dade 03-0407.01
- Meets ASTM C270 Specifications for Type M Mortar
- Eliminates problems of Job-Mixed Mortar
- Consistent Yield
- Consistent Quality
- Just add water

Use For:

- Clay Roof Tiles
- Cementitious Roof Tiles

Yield/Water/Coverage:

Bag Size	Yield	Water
80 lb (36.3 kg)	.8 ft ³ (.022 m ³)	1.5 gal (5.7 L)

NOTE: Yield and water are approximate.

Technical Data:

Water Retention ASTM C270 - Type M >75%

Compression Strength ASTM C109

7 day = 2,500 psi (17 MPa)

28 days = 3,500 psi (24 MPa)

NOTE: Test results obtained under controlled laboratory conditions at 73°F (23°C) and 50% relative humidity. More or less water may be required to achieve the desired mixing consistency depending on the atmospheric conditions and job site conditions. Do not exceed 1.5 gal (5.7 L) of clean potable water per 80 lb (36.3 kg) bag.

DIVISION 7

Roof Tile Fasteners - 07 32 05

Color: Gray

Preparation/Application:

For best results all materials should be stored between 40°F (4°C) and 90°F (32°C) 24 hours prior to installation.

Mortar:

1. Use only when the product, air, and surface temperature are above 40°F (4°C) for a minimum of 24 hours.



ROOF TILE MORTAR MIX

◆ The Pro's Choice Since 1936

Safety:

READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product.

WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA).

KEEP OUT OF REACH OF CHILDREN.

Limited Product Warranty:

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the dates the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement or defective products or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.