



Roof Tile Mortar

A Cementitious, Type S Mortar



Product Description

Roof Tile Mortars is Tile Mortar is a factory blended mixture of portland cement, lime, masonry sand, and other proprietary additives that has excellent workability, sag resistance, crack resistance, great open time, flexural strength, and compressive strength. Omega Roof Tile Mortar is manufactured to the highest quality control. It is ideal for use in bonding of flat, low, and high profile clay and concrete tile roof tiles. Omega Roof Tile Mortar is available in grey and also in a variety of standard and custom colors.

Features

Easy to Clean

Easy to Use

Benefits

Mortar resists dirt accumulation and allows for easy cleaning

great workability, simply add water and mix no additional sealers needed

Basic Uses

Omega Roof Tile Mortar is designed to bond most flat, low, and high profile clay and concrete tile roof tiles in residential and commercial projects.

Area of Use

Omega Roof Tile Mortar may be applied to the following tiles:

Flat, low, and high profile clay and concrete tile roof tiles (per manufacturers' specifications).

Coverage

Coverage will vary depending on ambient temperature, surface temperature, surface porosity, and/or application methods.

Packaging

Moisture resistive, 94lb (43 kg) bags

Storage

1. Store containers in a cool, dry location
2. Store at a temperature between 40°F (4°C) and 90°F (32°C)
3. Do not store in direct contact with the ground and/or concrete
4. Store out of direct sunlight
5. Protect containers from weather and other damage

Color

Natural grey color.
Can be colored using Omega's standard colors or special order color match.

Surface Preparation

All surfaces to receive application must be stable, structurally sound, dry, clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents and cleaning solutions that would hinder proper bond. Ensure that all surfaces are free of any coatings, sealers, adhesive residue. Smooth or painted cementitious surfaces can be prepared by mechanical means such as sandblasting or scraping. Dampen surface prior to application, but do not allow water to puddle.

Mixing

1. Mix approximately 2.5 gallons (9.4 liters) clean, cool, potable water per 94-lb bag of Roof Tile Mortar.
2. Add approximately two thirds of the water (~1.6 gallons or ~6 liters) to the mixer or batch container. Gradually add Roof Tile Mortar while mixing.
3. Add the remaining amount of water (~.9 gallons or ~3.4 liters) and continue to thoroughly mix for 3 to 5 minutes to achieve the desired creamy consistency.
4. Allow mixture to slake (stop mixing) for 5 to 10 minutes then break the set (remix).
5. Do not add additional water, admix or powder after slake period.
6. During the application, occasionally stir the mixture to help maintain workability.

NOTE: Always maintain a consistent water-cement ratio to achieve consistency in workability and color.

Application

Apply Omega Roof Tile Mortar per local code requirements and the roof tile manufacturer's recommendations.

Curing

Curing and/or drying time may vary due to climatic conditions. Drying should occur within 24 hours at an ambient and surface temperature of 70°F (21°C) and 55% R.H. When hot, dry, or windy conditions exist, light moist curing and/or protection should be provided. All freshly applied material must be protected from inclement weather until material has sufficient strength not to be damaged. Full curing strength typically occurs in approximately 28 days.

Limitations

DO NOT DO NOT apply product when the ambient and surface temperature is below 40°F (4°C).* The ambient and surface temperature must maintain the above requirements until material has sufficient strength not to be damaged (See CURING). Material that is allowed to freeze may suffer irreparable damage.

DO NOT add any other materials to the mixture of the product without written approval from Omega Products International.

DO NOT deviate in the mixing or application procedures contained in this, or any other Product Data Sheets, without written approval from Omega Products International.

DO NOT apply Omega Roof Tile Mortar if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils.

DO NOT add any more water than prescribed.

DO NOT saturate the roof tiles during preparation and/or water curing.

Cleaning

Cleaning may be accomplished with water immediately after use.

Safety

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN

www.omega-products.com

Disclaimer

Omega Products International [Manufacturer] MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT(S) SOLD HEREIN. The recommendations, suggestions, statements and technical data are based on the best knowledge available to Manufacturer and are given for informational purposes ONLY and without any responsibility for their use. It is expressly understood and agreed, as a condition of the use of this product, that the buyer's sole and exclusive remedy for any claimed defective product against Manufacturer shall be the replacement of products actually proven to be defective. Handling and use of the products are beyond

the control of Manufacturer; therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from use of the product. Under no circumstance shall Manufacturer be liable for incidental or consequential damages arising out of the use or the improper application of the product. Before applying the product, the user shall determine the suitability of the product for his/her independent use, assuming all risks and liability whatsoever in connection therewith. This writing constitutes a complete and exclusive statement of the understanding between Manufacturer and Buyer.

Claims

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect. For any claim that is not valid Claimant agrees to pay Omega's reasonable charges, including travel and labor associated with investigation of such claim.

Technical Assistance

Technical assistance and information is available by calling Omega Products International at (951) 737-7447 or FAX (951) 520-2594 or by email at info@omega-products.com.

Warranty

The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's plant and is accompanied with proof of purchase and batch number.