



Coverage

Approximately 45 ft² (4.2 m²) per bag on a 6" x 12" veneer with a 1/2" x 1/2" grout joint. Coverage may vary due to type of veneer, ambient temperature, surface temperature, surface porosity, mixing methods, and/or application methods.

Packaging

50lb (22.7kg) bags

Storage

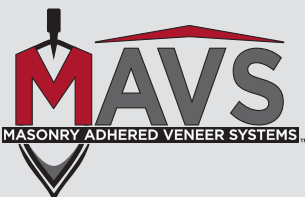
1. Store bags in a cool, dry location.
2. Store away from direct contact with the ground and/or concrete.
3. Store out of direct sunlight.
4. Protect bags from weather and other damage.

Shelf Life

6 months to 1 year from date of production in an unopened bag when stored properly.

Color

Natural grey, tan, and off white. Standard stocking colors from MG200 - MG219. Hundreds of custom colors available; addition charges may apply.



Product Description

MAVS GROUT is manufactured with portland cement, lime, masonry sands and other proprietary additives to produce a high quality masonry grout. It is used for grouting in exterior and interior applications of most natural and manufactured veneers, thin brick, pavers, brick, tile, stone, precast, and block. It can be used on vertical and horizontal installations in residential and commercial projects. Omega AkroLoc or Siena Admix AX100 can be used to impart greater flexibility, improve bond strength, increase water retention, and surface appearance.

Manufactured to the highest quality control standards, MAVS Grout exceeds ASTM C270 and ANSI A118.6 requirements. It is available in grey, white, and also a variety of standard and custom colors. MAVS Grout is part of Omega's Masonry Adhered Veneer Systems (MAVS) family of products backed by Omega's system warranties.

Features

Masonry grout

Smooth consistency

High performance

Versatile

Low shrinkage

Colors

Benefits

Exceptional adhesion and performance

Excellent workability and easy installation

Exceeds ASTM C270 and ANSI A118.6 requirements

For use in vertical, horizontal, exterior and interior applications

Reduced risk of cracking

Available in grey, white, and a variety of standard and custom colors

Basic Uses

MAVS Grout is designed to be used between veneer joints of natural stone and manufactured veneers, brick, tile, stone, pavers, block, precast and masonry. It can be used on vertical and horizontal substrates in residential and commercial, exterior and interior applications.

Area of Use

MAVS Grout is used between veneer joints on the following substrates:

1. Natural stone veneers
2. Manufactured veneers
3. Thin brick, brick
4. Pavers
5. Tile and stone
6. CMU
7. Precast

Note: Do not use over fluid applied membranes

Optional Product Upgrades/Enhancements

PRODUCT	BENEFIT
E-FX Admix	Liquid admix to reduce efflorescence
AquaShield	Integral sealer to improve water-resistance, improve freeze/thaw performance, and reduce staining
AkroLoc/PolyLoc/Admix 500	Liquid admixtures that reduce cracking and increase tensile, bond, and flexural strengths
OmegaCure	Liquid accelerator to improve hydration, increase early strength/hardness, and allow cold weather application

Surface Preparation

All surfaces to receive application must be structurally sound, clean and free of debris, dirt, dust, efflorescence, wax, grease, oils, curing agents, cleaning solutions, sealers, or anything that would hinder proper bond. Dampen surface prior to application, but do not allow water to puddle.

Mixing

Mix approximately 1.2 gallons (4.5 liters) clean, cool potable water per 50 lb bag. Add approximately two thirds of the water to the mixer. Gradually add MAVS Grout while mixing. Add the remaining amount of water and continue to mix for 3 - 5 minutes to achieve the desired creamy consistency. Allow mixture to slake (stop mixing) for 5 - 10 minutes then break the set (remix). When a polymer-modified grout is needed, replace half of water with Siena Admix AX100 or use Omega AkroLoc and follow mixing instructions above. Do not add additional water, admix or powder after slake period. 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 MAVS Grout per the recommendations of the veneer, thin brick or masonry product manufacturers' specifications. Grouting should be done 24 - 48 hours after veneer installation.

1. When hot, dry, or windy conditions exist, provide additional moisture or other protection to prevent flash drying of the grout.
2. Verify that all veneers are firmly attached and mortar is dry.
3. All joints to receive grout must be clean and free of debris, spacers, dirt, dust, efflorescence, grease, oils, curing agents and cleaning solutions.
4. Remove excess mortar from the joints until at least 2/3 of the depth is free from mortar.
5. Porous veneers may require sealing to avoid staining from the grout color. Consult the manufacturers' recommendations.
6. Moisten porous veneers with a damp sponge to ease the application, but do not leave water standing in the joints.
7. Use a grout bag or a rubber grout float to fill joints completely. Apply material as needed to cover all voids and gaps and to ensure that the material is well compacted.
8. Remove excess grout using a damp sponge. Avoid using too much water because discoloration may occur.
9. Once the grout has started to set, approximately thumb print hard, strike back or sponge the grout to achieve the desired appearance.
10. Clean any grout from veneer face before grout dries.

NOTE: Some veneers can be scratched by the sand from grout or stained when color grout is used. See manufacturers' recommendations prior to use.

Curing

Curing and/or drying time may vary due to climate and job 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, protection should be provided. All freshly applied material must be protected from inclement weather until fully dry. Full curing strength typically occurs in approximately 28 days.

Limitations

DO NOT apply directly over wood or wood products, gypsum mortar beds, asphalt sheeting, vinyl covered wall board, Masonite, cement asbestos board, metal, glass, plastic or any dimensionally unstable substrate.


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 fully dry (See CURING). Material that is allowed to freeze before fully dried 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 Omega data sheets without written approval from Omega Products International.

DO NOT use with green or red marbles as they may react with the mortar, warp and detach. For these moisture sensitive materials use Siena Epoxy Mortar & Grout.

NOTE: Failure to follow manufacturer's written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

 To ensure proper hydration in cold weather applications (approximately 50°F to 32°F) use OmegaCure admix. Refer to OmegaCure data sheet for additional information.

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

Disclaimer

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turer 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 e-mail 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.