



AkroFill

Flexible Sheathing Joint Compound



COVERAGE

Approximately 170 to 240 linear feet of sheathing joints and rough openings.

Coverage may vary due to surface conditions and porosity along with surface temperatures. Ambient air conditions will also affect coverage amounts.

PACKAGING

56lb (25.4kg),
4.3 gallon (16.3L) pails

STORAGE

1. Store pails in a cool, dry location.
2. Store at a temperature between 40°F (4°C) and 90°F (32°C).
3. Store out of direct sunlight.
4. Protect pails from weather and other damage.

SHELF LIFE

2 years

COLOR

Red in color

PERMEABILITY

4.8 perms

PRODUCT DESCRIPTION

AkroFill is a non-cementitious, ready-mixed, flexible joint compound that is manufactured with high-grade fiber fillers and 100% acrylic polymers. AkroFill with Omega Start Mesh embedded is a joint/transition treatment option in the AkroGuard Water-Resistive Air Barrier (WR-AB) Assembly.

FEATURES

Flexible

Water Resistant

Low VOC

Durable

Strong Adhesion

Vapor Permeable

BENEFITS

Withstands movement

Prevents moisture through wall assembly

Safe and non-toxic

Does not tear; seamless; UV resistant

Does not require fasteners; acceptable surface for EPS bonding

Allows wall assembly to breath

BASIC USES

AkroFill is a trowel applied, flexible joint compound designed to bridge sheathing joints and rough openings when used in conjunction with embedded Omega Starter Mesh. When used with AkroGuard, it creates a weather-resistive air barrier as part of the AkroGuard WR-AB Assembly or within the AkroFlex EIF Systems. Refer to Intertek CCRR-0465 for additional system information.

AREA OF USE

AkroFill may be applied to the following substrates:

1. Gypsum sheathing
2. Fiber faced gypsum sheathing
3. Wood-based sheathing
4. CMU/poured-in-place and/or tilt-up concrete/masonry
5. Cement board

Application Instructions



AKROFILL

SURFACE PREPARATION

All surfaces to receive application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Sheathing must be installed in accordance with sheathing manufacturer's recommendations and/or local building codes.

MIXING

Mix thoroughly to a uniform consistency using a paddle mixer. Avoid creating air bubbles or over-mixing.

APPLICATION

1. Apply AkroFill with a trowel over the gaps and openings along the sheathing joints as well as in all inside and outside corners. Sheathing board gaps may not exceed 1/8" (3mm) of separation. The total thickness of this coat should be 1/16" (1.6mm) wet.
2. Sheathing joints require 4.5oz, minimum 4" wide Omega Reinforcing Mesh. Rough openings require 4.5oz, minimum 9.5" wide Omega Reinforcing Mesh. Embedded mesh and trowel smooth ensuring that no Omega Starter Mesh is visible.
3. AkroFill may also be used to fill holes or surface imperfections less than 1/16".

NOTE: AkroFill joint/transition treatments must be fully covered with a coat of AkroGuard as part of the AkroGuard WR-AB Assembly. Refer to the AkroGuard WR-AB Assembly for additional information.

DRYING

Drying time may vary due to climatic conditions, but should not take more than 24 hours at an ambient and surface temperature of 70°F (21°C) and 55% R.H. Variations in ambient and surface temperature and humidity may prolong drying time. AkroFill must be protected by an approved protection system from inclement weather until fully dry.

LIMITATIONS

DO NOT apply product when the ambient and surface temperature is below 40°F (4°C). The ambient and surface temperature must stay consistently above this temperature until fully dry (see DRYING). Material that is allowed to freeze may suffer irreparable damage.

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

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

DO NOT apply AkroFill if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils. Fire-retardant treated or pressure treated plywood substrates must be dry and free of all bond-inhibiting materials.

DO NOT use a paddle mixer that exceeds 500 RPM.

DO NOT leave AkroFill in its applied state.

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.

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

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 their 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 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.