

FOAM COATING

PRODUCT NO. 1219-81, -82

DIVISION 9

Decorative Finishes
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PRODUCT DESCRIPTION

QUIKRETE® Foam Coating is a polymer-modified, fiber-reinforced Portland cement based rigid coating for use over rigid insulation panels, foam shapes, and insulated concrete form (ICF) systems.

PRODUCT USE

QUIKRETE® Foam Coating is designed for use as a rigid coating for polystyrene wall forms and rigid insulation panels, as well as in the construction of fence partitions. It is also used to damp proof, strengthen and decorate fence partitions built with foam panels. It is applicable for both exterior and interior use, above or below-grade. The one-coat application provides both structural strength and textured finish. Use of Foam Coating improves air, water, and sound control properties. A variety of accents and finishes can be achieved with QUIKRETE® Foam Coating. QUIKRETE® Foam Coating is available in gray (#1219-81) and white (#1219-82)

SIZES

• QUIKRETE® Foam Coating - 50 lb (22.6 kg) bags

YIELD

• Each 50 lb (22.6 kg) bag of QUIKRETE® Foam Coating will cover approximately 25 ft² (2.3 m²) at ¼ in (6.3 mm) thickness.

TECHNICAL DATA

APPLICABLE STANDARDS

American Society for Testing & Materials (ASTM)

- ASTM C109 - *Standard Test Method for Compressive Strength of Hydraulic Cement Mortars Using 2-in. or [50 mm] Cube Specimens*
- ASTM C348 - *Standard Test Method for Flexural Strength of Hydraulic-Cement Mortars*

PHYSICAL PROPERTIES

Typical results obtained with QUIKRETE® Foam Coating when tested in accordance with applicable ASTM standards are shown in Table 1.

TABLE 1 TYPICAL PHYSICAL PROPERTIES

Flexural strength, ASTM C348	
1 day	350 PSI (2.4 MPa)
7 day	550 PSI (3.8 MPa)
28 day	1250 PSI (8.6 MPa)
Compressive strength, ASTM C109	
1 day	750 PSI (5.1 MPa)
7 day	2500 PSI (17.2 MPa)
28 day	3500 PSI (24.1 MPa)



INSTALLATION

MIXING

Machine mixing is recommended. Mix 4 qt to 5 qt (3.8 L to 4.7 L) of clean water with each 50 lb (22.6 kg) bag of Foam Coating. Place the water in the mixer and add the Foam Coating to the water. Adjust water as necessary to achieve desired consistency. Mix no more than three minutes on low speed to avoid degrading the fibers.

APPLICATION

QUIKRETE® Foam Coating must be applied to polystyrene foam panels at a minimum of ¼ in (6.3 mm) thickness. It can be applied by trowel or sprayer. A one coat application is all that is required as long as the surface texture is accomplished before Foam Coating attains its initial set. Foam Coating is designed for use over polystyrene foam panels. If extruded foam panels are used instead, the exposed side must be roughened with a coarse sand paper before applying Foam Coating.

CURING

QUIKRETE® Foam Coating walls must be fog cured for at least 24 hours after final set is achieved. This is essential to assure proper hydration of the surface application.

FINISHING

QUIKRETE® Foam Coating surfaces can be given attractive texture finishes by using suitable spray equipment or with ordinary mason's or plasterer's tools. Surface textures from a very smooth finish to very deep relief stucco can be achieved. It is further possible to provide accent panels to simulate exposed aggregate or to provide a simulated brick wall appearance. When using QUIKRETE® Liquid Stucco to achieve the finished texture and color over Foam Coating, the thickness of Foam Coating application can be reduced to 3/16 in (4.8 mm).

PRECAUTIONS

Do not apply when weather is forecast to be above 100 °F (38 °C) or below 40 °F (4 °C) within 24 hours without following required hot and cold weather precautions. Only clean water should be added to QUIKRETE® Foam Coating.

WARRANTY

The QUIKRETE® Companies, LLC warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any

purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing, at The QUIKRETE® Companies, LLC, One Securities Centre, 3490 Piedmont Rd., NE, Suite 1300, Atlanta, GA 30305. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

** Refer to www.quikrete.com for the most current technical data, SDS, and guide specifications*

