



MARBLE-KOTE AAC

THE ULTIMATE ‘OLD-WORLD’ STUCCO PRODUCT FOR AUTOCLAVED AERATED CONCRETE.

1.0 DESCRIPTION

1.1 General

Marble-Kote AAC is a premixed marble aggregate hard-coat colored stucco finish featuring unique properties of water repellency, vapor permeability, and weather resistance not found in similar products on the market today. **Marble-Kote AAC** provides a natural solution when a smooth or textured colored wall finish is desired. **Marble-Kote AAC** may be applied directly to a stucco base coat, poured concrete or in a one coat application to concrete blocks or Autoclaved Aerated Concrete.

2.0 MATERIALS

2.1 Marble-Kote AAC

Marble-Kote AAC consists of a factory blended white Portland cement with pigments, marble aggregate, additives (water repellent agents, UV resistant agents) and proprietary admixture. **Marble-Kote AAC** is available in a 55 lb. (25 kg) bag of factory blended pre-mix requiring only the addition of potable water at the job site.

3.0 MIXING INSTRUCTIONS

3.1 Marble-Kote AAC

Approximately 5 quarts (1 ¼ gallon) of clean potable water is to be added per bag of **Marble-Kote AAC**. Mix in a clean standard stucco-mixing machine for a maximum of 10 minutes to yield good plasticity and a homogeneous mix. Do not over-mix. For best results, pour 10 quarts (2.5 gallons) of potable water in the mixer, followed by 2 bags of **Marble-Kote AAC**. Then add the remaining required water and 2 more bags. Allow mixing until a good homogeneous mix is achieved. Repeat the mixing procedure and add the same amount of water with every batch to avoid color variations. Do not re-temper the material in the mixer nor use partially set or frozen material in the mix as this may cause color variation.

4.0 INSTALLATION

4.1 Surface Preparation

Surfaces must be dry and free of all bond-inhibiting materials, including dirt, efflorescence, release agents and other foreign particles. Remove paint, loose or damaged materials by water blasting, pressure washing, sandblasting or mechanical wire brushing. Patch AAC surface to required tolerance.

4.2 Trowel Application

Apply **Marble-Kote AAC** directly to an AAC surface at a minimum thickness of 3/8". **Marble-Kote AAC** can be applied at a maximum thickness of 3/4" in one coat. Additional coat may be applied for a total maximum thickness of 1 1/2". Once applied the working time is up to 20 minutes according to ambient temperatures and surface condition. Trowel **Marble-Kote AAC** to required tolerance. A fine sand finish texture may be achieved using a sponge, wood or plastic float.

Spray Application

Apply **Marble-Kote AAC** with a conventional plaster pump (refer to section 5.7 for pump information). Hold the spray nozzle at the same distance and move with a steady, even stroke building to the desired thickness. Apply an even coat to ensure full coverage in a one coat for a total thickness of 1/2" thickness according to the substrate and surface conditions. Once applied the working time is up to 20 minutes according to ambient temperatures and surface condition. Trowel **Marble-Kote AAC** to required tolerance and texture with a sponge, wood or plastic float.

Important: Apply **Marble-Kote AAC** in a continuous application, always working to a wet edge to eliminate cold joints. Arrange for the completion of an entire area. Avoid installation in direct sunlight and during periods of high winds.

Limitations:

Apply **Marble-Kote AAC** when surface and ambient temperatures are above 45° F (8° C) and below 95° F (35° C) during application and drying period. Do not apply to overheated, excessively dry or frozen substrates, or during periods of high winds. Drying time varies with climate. **Marble-Kote AAC** should not be applied on horizontal, below grade (more than 3") or water-immersed surfaces. Distance to grade varies with climate and local building codes. Allow sufficient distance to prevent snow, ice and puddling water to be in contact with the coating. Parapets should be protected with coping. Protect the coating from rain or freezing for at least 24 hours and from uneven and excessive evaporation during hot temperatures by moist curing. Due to the natural ingredients which make-up **Marble-Kote AAC** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Marble-Kote AAC**. Please refer to the maintenance specifications for clean up.

5.0 MISCELLANEOUS

5.1 Packaging

Marble-Kote AAC: 55 lb. (25 kg) bag of powder in a 3-ply paper bag with moisture barrier

5.2 Coverage

Marble-Kote AAC: ~ 13 to 15 sq. ft. per bag at 3/8" thickness

(Coverage is approximated and is given for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions and application techniques.)

5.3 Storage and Shelf Life

Shelter in a dry environment from extreme heat, direct sunlight, rain and freezing. Shelf life is 6 months in the original sealed packaging properly sheltered.

5.4 Professional Qualifications

Installation shall be performed by contractors with a minimum of 5 years documented experience in cement plastering or approved by Sider-Crete, Inc. All applicators should be able to provide several references from general contractors, architects or other applicable references for review by Sider-Crete, Inc.

5.5 Technical Assistance

For technical inquiries during normal business hours contact Sider-Crete, Inc. at 478-892-9800

5.6 Hand-Held Spray Gun and Plaster Pumps

Approved hand-held spray guns and manufacturers

Sablou spray gun (Ref # 32277 or # 32278) by Maco-Meudon

Wall model 4 holes spray gun by ACPO

Spotting model by ACPO

Wall model 1 hole by ACPO

Recommended plaster pumps and manufacturers

Rotor/Strator Pumps & Mixers by Putzmeister or PFT

And most mortars and plasters sprayers and mixers.

Contact Sider-Crete, Inc. for availability and additional information.

5.7 Clean Up

Marble-Kote AAC cleans up with water before drying. Clean tools and equipment after use with water. Clean up and remove all debris and materials from the site caused by the installation according to federal, state and local regulations and dispose of waste in an approved landfill.

5.8 Commercial Name

Marble-Kote AAC

*And now, enjoy using **Marble-Kote AAC** and benefit from this revolutionary technology developed by Sider-Crete, Inc., leaders of technological advancements in the construction industry since 1937.*

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