

AGS Marble/Ceramic Prime

— Primer - Protective Coating —

APPLICATION GUIDE AND TECHNICAL INFORMATION

Meets EPA, USDA, And FDA 21 CFR 175.300 Requirements

Surface Preparation

AGS Marble/Ceramic Prime is a silicone-epoxy having unique adhesion properties to a broad range of substrates. The adhesion properties, excellent elongation and water resistance properties make it ideal for a protective coat or a primer coat. **Proper substrate treatment is sometimes necessary.** (Steel: SSPC 10. Aluminum: SSPC 7. Fiberglass: 80 grit sand. Concrete: 28 day minimum cure and power wash using acid etch or shot blast.)

Mixing Instructions

Before mixing, shake or stir each component until homogenous.

AGS Marble/Ceramic Prime is a 2 component product packaged in 1 Gallon and 5 Gallon kit which contain the proper ratio of ingredients. The entire contents of each container should be mixed together.

For quantities less than the pre-packaged kit, mix as follows: To **11 parts** of the **A** component mix in **2 parts** of the **B** component. Mix the **A** and the **B** until completely blended.

NO INDUCTION PERIOD NECESSARY...Spray or Roll immediately.

Thinning and Clean up

In most cases it is not necessary to thin **AGS Marble/Ceramic Prime**. If you find it necessary to thin **AGS Marble/Ceramic Prime** you may add up to 5% DRINKING WATER. Clean up by using soap and water while **AGS Marble/Ceramic Prime** is in an uncured state. For best results clean all equipment as soon as the application is complete. After the material has cured you will need to use solvents to remove the **AGS Marble/Ceramic Prime**.

Application and Recoating

For best results Spray **AGS Marble/Ceramic Prime** with airless spray equipment. Conventional spray equipment works well and provides a slight orange peel finish. For a greater orange peel effect apply **AGS Marble/Ceramic Prime** with a short nap Mohair roller or Urethane foam roller. Roll 1 coat, and then follow within 30-45 min. with the 2nd coat to achieve your total mil thickness.

FLASH RUSTING can be readily eliminated by applying a mist coat of AGS Marble/Ceramic Prime using spray or a foam roller for less than a 1 mil wet deposit. Curing this light deposit of AGS Marble/Ceramic Prime prior to any subsequent AGS coating will eliminate flash rusting. Applying AGS to a warm surface, 100°F to 140°F will eliminate flash rusting while speeding up the cure of the coating.

Shelf Life: 1 Year Storage: DO NOT FREEZE

Coating Type

Silicone/epoxy waterbased

Color: Various (contact representative)

Pot life: 60 min. @ 68°F

Induction Time: None

Solids: by Weight 49%

Coverage Rate: Approx. 200 sq. ft. @ 3-4 mil DFT (85% Yield)

Tensile Strength:>1750psi

Elongation: ASTM 2370>10% **Adhesion:** ASTM D451>1000psi **Abrasion:** (CS 17/Kg/1000 cycles) <40 mg loss

Cure Time: Complete in 5 days. Dry to the touch in 2 hours. Force cure 300°F for 30 min. Many applications can be returned to service the next day. **VOC:** ASTM 3960-1.2#/gl. **Heat Resistance:** Do not exceed 275°F continuous service

To the best of our knowledge the technical data contained herein is true and accurate at the date of this issuance and is subject to change without prior notice. User must contact AGS distributor/representative to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. US Coating Solutions guarantees its products to conform to US Coating Solutions quality control. US Coating Solutions assumes no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY US Coating Solutions, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF THE LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. FOR MORE INFORMATION CONTACT YOUR LOCAL DISTRIBUTOR OR CALL US Coating Solutions at 612-805-2887.