

Surface Preparation

New or Unpainted: Bare concrete, brick, stucco or masonry must be structurally sound, clean, dry, fully cured, and free from dust, curing agents or form release, efflorescence, scale or other foreign materials. New poured-in-place concrete must be allowed to cure a minimum of 28 days prior to the application of **WALLGUARD**.

On applications over masonry block KM Coatings recommends that a quality block filler be utilized to fill the pores and achieve a pinhole-free surface. The amount of block filler required will be determined by the texture and porosity of the masonry block. Application of the block filler will maximize the effectiveness of **WALLGUARD**.

Previously Painted: All dust, dirt, efflorescence, and loosely adhered paint or coating shall be removed. Chalky or oxidized surfaces should be pressure washed clean so as not to interfere with the proper adhesion of **WALLGUARD**.

It is recommended that a test area for adhesion be conducted to insure the prepared surface is acceptable for coating application. All cracks in existing substrates that are larger than hairline shall be considered as "moving" and shall be routed and sealed. It is recommended that the crack be routed out the full length to form a 1/4" x 1/4" deep joint. The prepared joint shall then be filled with a quality acrylic or single package urethane sealant and allowed to cure prior to the application of any material.

Application Instructions

WALLGUARD requires no thinning and can be applied by using conventional or airless spray equipment. For smaller areas not practical for spray applications, brush or rollers may be utilized.

On areas with textured or coarse surfaces, airless spray and back rolling is the recommended procedure to insure a uniform coverage and film build.

All surfaces should be sprayed in multidirectional spray passes to assure positive coverage. On two and three coat applications, the second and third coats should always be applied in a direction perpendicular to the previous coat after it has dried. It is critical that all coated surfaces achieve a uniform film thickness free of pinholes, voids and blisters.

WALLGUARD applied at the rate of 1 1/2 gallon per 100 (sq.ft.) will theoretically yield 12.6 dry mils. This theoretical thickness is based upon a smooth, non-porous surface. The actual dry film thickness achieved in the field application is dependent upon weather conditions, method of application and surface textures. It is the sole responsibility of the coating applicator to apply the proper amount of material required to achieve the minimum dry film thickness specified for the given warranty requirements for the project.

A second application of **WALLGUARD** shall be applied at a rate of 1 gallon per 100 (sq. ft.) which will theoretically yield an additional 8.4 dry mils. A third or fourth coat of **WALLGUARD** may be required to achieve the actual dry film thickness required. The total application of **WALLGUARD** shall not be less than 2 1/2 gallons per 100 (sq. ft.).

Warranty Information

Approved applicators qualify for KM Coatings warranties based upon the following dry film thickness requirements:

5 Year - 15 dry mil avg.' 12 dry mil minimum
10 Year - 21 dry mil avg.' 18 dry mil minimum.