

ARTISAN[™]

Penetrating Water Repellent

Description

Artisan Penetrating Water Repellent is a solvent free, silane modified siloxane emulsion which forms a breathable, clear, water repellent sealer. It is a deep penetrating product that does not change the appearance of the substrate and provides excellent water repellency even in wind driven rain. It is an odorless, non-flammable, voc compliant product. It prevents water absorption into the surface, thereby reducing cracking, spalling, freeze/thaw damage, efflorescence, mildew growth and dirt pickup.

Uses

Apply Repellent to concrete, stucco, brick, pavers, block, pre-cast, terrazzo, tumbled marble, limestone, flamed granite and most other vertical and horizontal masonry surfaces. Not for use on below grade applications or polished or honed surfaces. This product can also be used as a primer for architectural coatings. Test patch to determine compatibility before general use.

Surface Preparation

Before applying, all surfaces must be free of oil, grease, dirt, efflorescence, mildew, paint and any other contamination. To remove efflorescence, use Bac-2-Nu[™] Stone & Masonry Restorer. For general cleaning before application, use ION-417[™] Architectural Cleaner. All masonry surfaces must be clean and sound before application. Allow necessary cure times of any patching materials before application. Ensure product compatibility before applying to previously sealed, painted or stained surfaces.

Coverage

Estimated spread rates, based on Federal Specification SS-W-110C, are 100-250 square feet per gallon. On most surfaces, coverage rate will be approximately 125-175 square feet per gallon. All surfaces being treated, should be thoroughly cleaned to remove dirt, grease, stains, mildew and other contaminants with ION-417[®] or BAC-2-NU[®].

Properties

Appearance	Milky/white liquid
VOC content	max. 2.1 lbs/gal.
Flash Point	none
pH	7.5
% active	10

Application

Stir well before using. Apply using a low pressure tank sprayer, brush, roller or lambswool applicator. Apply liberally in a cross hatch pattern with overlapping passes to ensure total coverage. On vertical surfaces, start application from the bottom and work up. Any product not absorbed within five minutes should be wiped off. Air and surface temperatures must be between 45 degrees F and 90 degrees F. Do not apply if temperatures are expected to fall below 40 degrees F within five hours, or if rain is expected within 24 hours after application.

Dry and Cure

Curing requires 7-10 days depending on temperature. A tack free surface will take approximately 2-4 hours.

Packaged

Available in gallons (4/case), 5 gallon pails and 55 gallon drums.

Safety and Handling

For specific information, please refer to the material safety data sheet.

Storage and Shelf Life

Store in a cool dry room. The shelf life is 12 months in closed containers at room temperature. Do not allow product to freeze. Do not store material at extreme temperatures, below 32 degrees F or above 125 degrees F for extended periods.