



Caribbean
Paint
Factory

KAM SilShield 8500-X®

100% Silicone Based Waterproof Coating

DESCRIPTION

This is a single-component elastic silicone-based waterproof coating with over 200% elongation, UV and water resistance, and a lifespan of at least 20 years. It is solvent-free, non-corrosive, and suitable for outdoor use, with excellent resistance to extreme temperatures, acids, alkalis, and oils. Ideal for waterproofing building roofs, underground spaces and protecting equipment in industrial and coastal settings.

FEATURES

- ▶ Incredibly durable
- ▶ Waterproof
- ▶ Outstanding adhesion
- ▶ UV resistant
- ▶ Resistant to alkali, oil, corrosion, and acid
- ▶ Capable of withstanding high and low temperatures.
- ▶ Longer lifespan compared to water and solvent-based coatings

COMPOSITION

- ▶ Polysiloxane Resin
- ▶ Nano Calcium Carbonate

SPECIFICATION DATA

Color: White, Grey and Custom

Finish: Glossy

Clean up solvent: White Spirit

Density: 1.21 g/cm³

Elongation: >200

Viscosity: Paste like

Practical coverage: Apply at 24.65–49.30 ft²./gal.
2.29 to 4.58 m²/gal. Actual coverage depending on type and structure of substrate and application methods

Dry Time: 77° F (25°C) & 75% RH: To touch – 2 hours.
To recoat – 4 hours

Recommended film thickness: 0.8 - 1.0 mm

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SURFACE PREPARATION

All areas should be clean, sound, and free of flaking paint or any substances such as oil, grease, and dirt. See that KAM SilShield is not in contact with water during application; otherwise, it will dry rapidly. Do not clean with water. KAM SilShield is a 100% silicone-based coating and dries depending on atmospheric conditions.

NEW SURFACES

Wood - Sand to a smooth surface if required; otherwise, directly apply KAM SilShield.

Roofing - KAM SilShield adhesion is good on most common building materials. Cement fiber, pre-coated metal panels, roof tiles, asbestos roofing, ect.

Concrete, Plaster, and Masonry - Cure for 30 days before painting. Poured concrete or pre-cast concrete needs high-pressure cleaning or light sanding. Rinse completely with water and allow to fully dry. Remove loose aggregate and apply KAM SilShield.

Steel, galvanized metal, and aluminum - Clean off oils with mineral spirits, then prime with a 2K Epoxy Primer.

PREVIOUSLY PAINTED SURFACES

Clean the surface with a solution of 16 oz (473 mL) liquid household bleach and 2 oz (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) to remove oils, dust, etc. Lightly sand the surface to improve adhesion. All previously painted surfaces must be sound with the paint film firmly adhered. Test adhesion of paint to the substrate prior to the application of KAM SilShield coating.

DIRECTIONS FOR USE

Tools - Use a 1/2" or larger nap roller [lambs wool rollers recommended for the professional] and quality brush.

Spray equipment - Use a Graco 933 Hi Flow Airless Sprayer or any equipment that can handle high viscosity silicon based roof coatings.

Painting & Cleaning - No thinning necessary for roller applications. Thinning not advised but allowed when spraying with mineral spirits e.g. white spirit and xylene (max 10%) depending on suitability of your equipment. Do not install if rain, snow, heavy dew or lower temperatures are expected within two hours of painting.

SHIPPING

Freight Classification:

Non Combustible

Packaging: 5 gallon (18.925L)

Flash Point: None

LIMITATIONS OF LIABILITY

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