SEE JORAKAY Silk Clean Premium



Silicate Emulsion Paint Sheen for Exterior Applications

SEE JORAKAY Silk Clean Premium Designed for exterior applications, it bonds seamlessly with the wall surface, providing excellent adhesion and breathable film. This helps the wall release moisture and reduce vapor accumulation, reduce blistering and peeling. It also offers dirt pick-up The result is a beautiful, long-lasting finish with enhanced durability for extended use, making it ideal for hot and humid climates.

Product Features

- Chemical bonds with the substrate for excellent adhesion.
- Breathable (water vapor permeability), resistant to peeling, blistering, and flaking
- Prevents fungal and algae.
- UV-resistant with long-lasting color durability
- Dirt Pick-Up Resistance
- Self-Cleaning Properties, allows dirt to be easily removed from the surface.
- Good resistance to scrubbing and abrasion
- Low Odor (Zero VOCs) and without carcinogens (Formaldehyde free). Safe for health.
- 15 years warranty

Application Area

• For interior application on new concrete surfaces or repainting surfaces, including concrete, masonry, plaster, brick, and fiberboard.

Color Shade **:** 322 shades for Exterior

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Application Instruction

Substrate Preparation

New surfaces:

• Surfaces should be clean and dry out at least 28 days. Moisture should be less than 14% (measured by a Protimeter).

• If the surface has cracks not smooth, recommended to repair cracks or plastering the surface before painting with putty material or suitable surface finishing putty.

• The surface to be painted must be free from dust, cement and greased oil.

Old surfaces:

• The surface to be painted must be free from dust, rubble and grease oil.

• Remove the original paint and deteriorated surfaces. (Do not use a wire brush) if there is dust that cannot be removed completely. Use the primer for old concrete.

• Area with fungal or water stain, scrub thoroughly, Apply *Crocodile Biocidal Wash* and leave it to dry before repainting.

• Area with cracks, less than 1 mm width and does not break continuously. Fill it with a *Crocodile Wall Putty*.

• Area with cracks greater than 1 mm width or continuous breakage Fill the putty with *Crocodile Acrylic Seal Plus*.

Coating system

New surfaces:

• Apply 1 coat of *SEE JORAKAY Fresh Concrete Primer* (water base). Allow at least 1-2 hours to dry before applying topcoat.

• Apply 2 coats of *SEE JORAKAY Silk Clean Premium*. Allow at least 2 hours drying between coats.

Old surfaces:

• Apply 1 coat of *SEE JORAKAY Dust Primer* (water base system). Allow at least 1-2 hours to dry.

• Apply 2 coats of *SEE JORAKAY Silk Clean Premium*. Allow at least 2 hours drying between coats.

Product Preparation

Mix 10 % water by weight. (Water quantity of 100 milliliters per liter of product) Mix into a homogeneous one.

Consumption rate

• 10-12 sq.m./coat/Liter

• 5-6 sq.m./2 coat/Liter

(Depending on surface porosity, profile and application method)

Tools

Roller, brush or spray.

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Tools cleaning

Clean all equipment with clean water immediately after used.

Recommendation

• Surfaces should be clean and dry out at least 28 days.

• The product should not be used on wet or high-humidity surfaces.

• In case of rain, let the substrate dry before applying.

Physical properties

Test Method	Standard	Evaluation
Color	-	Wide range of colors (Please refer SEE Jorakay NCS Exterior fandeck)
Composition		Silicate Emulsion
Appearance	-	Liquid
Finish	-	Sheen
Volume solid	ISO 3233	Approx. 35%
Density at 25°C	TIS 285-7	1.34±0.02 g/cm^3
pH at 25°C	TIS 787-9	9 - 10
Viscosity at 25°C	ASTM D562-10	Approx. 100 KU
Water vapor permeability (SD (m), TS	EN ISO7783	≤0.5 m (Permeable)
Wet scrub resistance	ASTM D2486	400,000 Cycles
Adhesion	ASTM D3359-23	≥4A
Solar Reflectance	ASTM E903-82	>80%
Thermal Emittance	ISO 10292	>0.85
Solar Reflectance Index (SRI)	ASTM E1980-01	>110 Wm^{-2}K^{-1}
Touch dry	In-house	At least 30 minutes
Recoat dry	In-house	2 hours
Full cure	In-house	At least 7 days
Wet film thickness	In-house	100-125 µm.
Dry film thickness	In-house	35-45 µm.

Note: The test results are derived from controlled laboratory conditions, and actual workplace conditions may yield different test outcomes due to various factors such as temperature, environmental conditions, equipment, and others

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Caution

• It is recommended to wear safety equipment, such as gloves, dust masks, safety glasses or other safety equipment.

• In the event of eye contact, rinse your eyes with clean water several times immediately and seek medical advice promptly.

• Keep out of reach of children.

Storage

• The product must be stored in accordance with national regulations. Keep the containers in a dry (Protect against moisture), cool (Store between 5-35°C), well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed and handle with care.

• Shelf life is 1 year if store in good condition without opening.

• The properties required for the intended use must be checked for quality assurance reasons.

Packing

Pack size : 15 liters, 3.75 liters, and 0.75 liters

The information provided is given in good faith, based on current knowledge and Jorakay Corporation's experience with the products when they are properly stored, handled and applied in normal situations and in accordance with the recommendations of Jorakay Corporation. This is useful for information and consulting, but is not legally binding. In particular, it does not exempt the user from testing and verifying the suitability of the product for the desired application and purpose. Jorakay Corporation reserves the right to modifications that improve the product or its application. This version invalidates previous ones.

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