



PRODUCT DESCRIPTION

Si stone is a unique sandy decorative water-based paint made of high-quality water-based acrylic polymer. Si Stone is available in white color. It could be custom-colored in a wide range of colors.

PRODUCT CHARACTERISTICS

- Obtain extremely attractive assorted decorative forms by using different application tools.
- Coarse sand provides a good level of hardness.
- Fills gaps and conceals defects in walls.
- Excellent tolerance to outdoor weather conditions.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE

Suits Indoor and Outdoor applications.

TYPE OF SURFACE

Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION

Final Appearance	→	Matt with high-relief texture
Gel Strength	→	180 ± 10 gm/cm ² (at 25°C temperature and 50% humidity)
	→	for white color
Density	→	1.86 ± 0.05 gm/cm ³ (at 25°C temperature and 50% humidity)
	→	for white color according to (ASTM D1475-13 (2020))
% Solids by Volume	→	68 ± 2 for white color
Flash Point	→	Non flammable
Volatile Organic Compounds	→	41 gm/liter (according to Environmental Protection Agency
	→	– Method 24)

METHOD OF APPLICATION

Diluent	→	Water
% Dilution (by volume)	→	(as required, dependent on desired shape)
Application Tools	→	Roller (cotton, sponge), Shaping Rollers,
	→	and special tools to obtain decorative effect

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	150	250	200
Wet Film Thickness in Micron	220.59	367.64	294.11
Theoretical Spreading Rate (m ² /Kg)	4.5 – 2.5		3.5



SI STONE

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	60 minutes (minimum)
Re-coating for white color	5 – 6 hours (minimum)

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES

- 1 Coat of Si Tech XTR S1.
- 1 – 2 Coats of Si Stone (in case two coats are applied, dilute the first coat).

FOR OLD SURFACES

- After sandpapering, clean the surface properly with suitable detergent and water. Let dry, then follow the above steps for application.

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

CLARIFICATION

The information in this Technical Specification is given to the best of our knowledge. It is based on laboratory tests and practical experience. Sipes takes no responsibility for consequences of breaching the instructions. The Company reserves the right to change data herein without notice.

Version: June 2025, Sipes Co. This version supersedes prior versions.