



PRODUCT DESCRIPTION

Si Glaze is an enamel decorative paint, made of the best quality alkyds. Available in a range of colors by using coloring machines.

PRODUCT CHARACTERISTICS

- Assorted effects.
- Easy application.
- Charming appearance.
- Good and consistent spread of the color.

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

RECOMMENDED USE

Suits indoor applications.

TYPE OF SURFACE

Wooden, Concrete, Gypsum, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION

Final Appearance	→ Semi-Glossy
Viscosity	→ 105 ± 5 Kreps (at 25°C temperature and 50% humidity) for the base, according to (ASTM D562-10 (2018))
Density	→ 0.9 ± 0.03 gm/cm ³ (at 25°C temperature and 50% humidity) for the base, according to (ASTM D1475-13 (2020))
% Solids by Volume	→ 40 ± 2% for the base
Flash Point	→ 36°C ± 2

METHOD OF APPLICATION

Diluent and proposed % (by volume)	→ Sipes Spirit (10–15%)
Application Tools	→ Special tools, as indicated hereinafter

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	75	100	87.5
Theoretical Spreading Rate (m ² /liter)	10 - 13		11.5

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	12 hours approximately
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RECOMMENDED COATING SYSTEM

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

FOR NEW CEMENTITIOS, CONCRETE AND GYPSUM SURFACES

- 1 Coat Latex Sealer 1800.
- 2 Coats Gold Crown 300 or Si Gloss.
- 2-3 Coats Latex Putty.
- 1 Coat Si Glaze.



SI GLAZE

FOR NEW WOODEN SURFACES

- 1 Coat suitable wood sealer.
- 1 Coat Si Glaze.
- 2 Coats Gold Crown 300 or Si Gloss.

FOR OLD SURFACES

- After sand papering, clean the surface with water and suitable detergent. Make sure the surface is fully dry, then follow the same application steps above.

RECOMMENDED METHOD OF APPLICATION

Select the preferable color and apply it to a small area by using the batch number and the colors selected. Conducting multi samples prior to implementation of work is advisable.

1. Add the required color to Si-Glaze and stir well.
2. Si-Glaze may be applied in different methods whereby each method provides a different final appearance. Some such methods and proposed tools are hereby briefly presented:
 - a. **Sponge:** This is the simplest and fastest method of applying Si-Glaze. (Natural sea sponge is preferable over the artificial sponge to provide assorted lively effects.)
 - b. **Piece of Fabric:** This method of the application provides various effects on walls, such as velvet wrinkle, chamois leather, embroidered fabric, or wet silk. This may be realized by using a piece of fabric. (Using different shapes and types of fabric provides different effects.)
 - c. **Graded Brush:** This method of application is preferable on smooth surfaces, by using a graded brush or long-bristle brush.
 - d. **Combing:** This method of application uses a combing tool to obtain different shapes like inclined lines, cross lines, or basket knitting.
 - e. **Marbling:** This method of application provides marble-like shapes. Use fine brush to paint marble lodes.
 - f. **Plastic Roller:** A plastic roller is used to shape different forms.
 - g. **Tapping:** This method of application provides smooth and calm effect to the surface. Use a special tapping brush.

For more details on methods of application indicated above please read the product catalouge or call SIPES.

STORAGE

Two years from 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.