



PERBUILD G500

PRODUCT DESCRIPTION

A premium-quality putty made of acrylic copolymer with special additives for High performance on Wall and wood substrates.

PRODUCT CHARACTERISTICS

- Excellent with sand ability.
 - Ease of Application on wood substrates.
 - Excellent ability to fill porous surfaces and small holes..etc.
 - Long Open time for application and Crack free on high thickness.
 - Provides very smooth layer on Exterior and Interior Application.
- (Complies with The Saudi Standards (SASO) 2107/2019))

RECOMMENDED USE

Suits indoor& outdoor Wall and wood applications.

TYPE OF SURFACE

Concrete, Cementitious, Wood and gypsum surfaces ... etc.

TECHNICAL SPECIFICATION

- Final Appearance → Matt
- Gel Strength → 240 ± 30 gm/ cm² (at 25°C temperature and 50% humidity)
- Density → 1.6 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity)
→ according to (ASTM D1475-13)
- % Solids by Volume → 46 ± 2
- Flash Point → Non flammable
- Volatile Organic Compounds → 29 gm/ liter (according to Environmental Protection Agency
→ – Method 24)

METHOD OF APPLICATION

- Diluent → Water
- % Dilution (by volume) → As needed
- Application Tools → Putty knife and steel Malg

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	200	300	250
Wet Film Thickness in Micron	400	600	500
Theoretical Spreading Rate (m ² /Kg)	1-2		1.5

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	30 minutes (minimum)
Re-coating	2 hours (minimum)

RECOMMENDED COATING SYSTEM

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

FOR NEW CEMENTITIOUS SURFACES

- Concrete Sealer
- 2 – 3 coats Perbuild G500

FOR WOOD SURFACES

- Apply the Putty directly on Wood or after adding an Oil undercoat.

FOR OLD SURFACES

Use sandpaper, then clean the surface with water and suitable detergent. Make sure the surface is fully dry, then apply 1 or 2 coats of Perbuild G500

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.

STORAGE

2 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: January 2023, Sipes Co. This version supersedes prior versions.

