



PERBUILD S99

PRODUCT DESCRIPTION

An attractive matt emulsion paint based on modified Acrylic copolymer to provide a smooth finish and good appearance.

PRODUCT CHARACTERISTICS

- Excellent Whiteness.
 - High Adhesion Power.
 - High Wet hiding power and Good Spreading Rate.
 - High resistance to water and alkali.
 - Less odor.
- (Complies with The Saudi Arabia Standards (SASO) GSO-2582))

RECOMMENDED USE

Suitable for interior surfaces.

TYPE OF SURFACE

Concrete, Cement, Gypsum Board, Plaster... etc.

TECHNICAL SPECIFICATION

- Final Appearance → Matt
- Viscosity → 125 ± 5 Kreds (at 25°C temperature and 50% humidity) for white color according to (ASTM D562-10 (2014))
- Density → 1.70 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color according to (ASTM D1475-13)
- % Solids by Volume → 45 ± 2 (For white color)
- Washing Resistance → More than 3000 washing cycles (As per ASTM D 2486)
- Flash Point → Non flammable
- Volatile Organic Compounds → 17 gm/ liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

- Diluent → Water
- % Dilution (by volume) → (15 – 20%)
- Application Tools → Roller, Brush or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

- Pressure at nozzle → 140 – 190 Kg/cm² (2100 psi)
- Nozzle head → 0.021 – 0.027
- Spray angle → 65° - 80°
- Filter → Should be clean

FILM THICKNESS AND SPREADING RATE

	Minimum	Maximum	Average
Dry film thickness (µm)	45	55	50
Wet film thickness (µm)	110	140	125
Theoretical Spreading Rate (m ² /liter)	8	10	9

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:

Touch Dry (for white color)	30 minutes (minimum)
Recoat ability, minimum (for white color)	2 hours (minimum)

RECOMMENDED COATING SYSTEM

All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SURFACES

- Apply of 1 coat of concrete Sealer
- Apply of 2-3 coats of Perbuild G500
- Apply of 2 coats of Perbuild S99

FOR OLD SURFACES

- After complete removal of loosely held materials, wash the substrate thoroughly with detergent and water.
- Make sure the surface is fully dry and soft then apply • 1-2 Coats of Perbuild S99

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

2 years from production date. The product must be stored in accordance with national regulations. The product must be kept in cool well ventilated place, protected from sunlight and heat. Containers must be kept tightly closed after partial usage.

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.

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