



## PRODUCT DESCRIPTION

S7 is an attractive matt emulsion paint based on acrylic copolymer to provide a smooth finish and good appearance.

## PRODUCT CHARACTERISTICS

- Excellent Brightness.
- High resistance to water and alkali.
- High Wet hiding power and Good Spreading Rate.
- High Adhesion Power.

(Complies with the Egyptian Standard Specification No. 1539)

## RECOMMENDED USE

Suits indoor applications.

## TYPE OF SURFACE

Concrete, Cement, Gypsum Board, Plaster, etc.

## TECHNICAL SPECIFICATION

|                            |   |                                                                        |
|----------------------------|---|------------------------------------------------------------------------|
| Final Appearance           | → | Matt                                                                   |
| Viscosity                  | → | 130 ± 5 KU (at 25°C temperature and 50% humidity)                      |
|                            | → | for white color, according to (ASTM D562-10 (2018))                    |
| Density                    | → | 1.69 ± 0.05 gm/ cm <sup>3</sup> (at 25°C temperature and 50% humidity) |
|                            | → | for white color, according to (ASTM D1475-13 (2020))                   |
| % Solids by Volume         | → | 48 ± 2 (for white color)                                               |
| Washing Resistance         | → | More than 5000 washing cycles, in accordance with the                  |
|                            | → | Egyptian Standard Specification No. 1539                               |
| 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/cm <sup>2</sup> (2100 psi) |
| Nozzle head        | → | 0.021 – 0.027                           |
| Spray angle        | → | 65° - 80°                               |
| Filter             | → | Should be clean                         |

## FILM THICKNESS AND SPREADING RATE

|                                                    | Min. Thickness | Max. Thickness | Average |
|----------------------------------------------------|----------------|----------------|---------|
| Dry Film Thickness in Micron                       | 55             | 70             | 65      |
| Wet Film Thickness in Micron                       | 110            | 140            | 125     |
| Theoretical Spreading Rate (m <sup>2</sup> /liter) | 7 - 9          |                | 8       |



**S7**

## 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 SURFACES

- 1 Coat of Latex Sealer 1800
- 2-3 Coats of Latex Putty/ Flexi putty.
- 2 Coats of S7

### FOR OLD SURFACES

- After complete removal of loosely held materials, wash the substrate thoroughly with detergent and water.
  - Use Latex Putty on areas where you have small cracks or peelings after the removal of loose old paint.
- And apply the following after ensuring that the substrate is dried well and smooth. • Apply 2 Coats of S7

## 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

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.