



PRODUCT DESCRIPTION

Bond 5000 is a high-quality glossy water-based paint, made of acrylic polymer. It gives an attractive glossy finish with excellent color retention, and weather conditions resistance in outdoor application. Available in white color.

PRODUCT CHARACTERISTICS

- High gloss.
- High adhesion.
- Excellent whiteness and high coverage.
- Excellent durability and high resistance to weather conditions.
- Excellent gloss retention.
- Extreme resistance to water and alkalis.

Complies with the Egyptian Standard Specification No. 1539

RECOMMENDED USE

Suitable for interior and exterior use as a finishing coat on new or previously painted textured surfaces.

TYPE OF SURFACE

Concrete, Cementitious, and Gypsum surfaces.

TECHNICAL SPECIFICATION

Final Appearance	→ Glossy
Viscosity	→ 122 ± 5 Kreps (at 25°C temperature and 50% humidity) → for white color, according to (ASTM D562-10 (2018))
Density	→ 1.29 ± 0.05 gm/cm ³ (at 25°C temperature and 50% humidity) → (As per ASTM D1475-13 (2020))
% Solids by Volume	→ 41 ± 2
Washing Resistance	→ More than 20000 washing cycles, in accordance with the Egyptian → Standard Specifications No. (1539)
Flash Point	→ Non flammable
Volatile Organic Compounds	→ 55 gm/liter as per EPA Method 24

METHOD OF APPLICATION

Diluent/ Cleaner	→ Water
% Dilution (by volume)	→ (10-15%)
Application Tools	→ Roller, Brush or Sprayer

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	50	40
Wet Film Thickness in Micron	75	122	98.5
Theoretical Spreading Rate (m ² /liter)	7 - 10		8.5

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:

Temperature	25°C
Touch Dry	30 minute
Re-coating	6 Hours (Maximum)



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

- 1 Coat Latex Sealer 1800/ Si Tech XTR Sealer S1 (Indoor/ outdoor).
- 2 – 3 Coats Latex Putty/ Si Tech XTR Putty (Indoor/ outdoor).
- 1 Coat S7/ Si Tech XTR U1 (Indoor/ outdoor).
- 2 Coats Bond 5000

FOR OLD SURFACES

Remove loose layers completely, then clean the surface with water and detergent. Make sure the surface is fully dry and soft then apply: • 1 Coat S7 Then 2 Coats Bond 5000 (indoor).

- 1 Coat Si Tech XTR U1 Then 2 Coats Bond 5000 (outdoor).

CONDITIONS OF APPLICATION

The temperature of the substrate should be min.10°C and min.3°C above the 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. UBMC takes no responsibility for consequences of breaching the instructions. The Company reserves the right to change data herein without notice. This version supersedes prior versions. Version: June 2026, UBMC Co.

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