

PLATINA

LONG LIFE WL500



PRODUCT INFORMATION



Platina Long Life WL500 is a high-performance exterior emulsion engineered with PU & Silicon technology. Its Silicon additives provide protection against heavy rains and inhibit the growth of algae and fungus. PU enhances the film strength and gives high Sheen finish. Reinforced with Graphene the paint has excellent mechanical properties – superior film integrity and UV resistance. The combination of PU, Silicon & Graphene makes it the best exterior emulsion to withstand India's weather conditions and comes with 12 years warranty.

FEATURES AND BENEFITS

- **12 Years Performance Warranty** – Long term durability and protection
- **Dirt pick-up resistance** – Unique polymer technology repels dust and keeps walls looking new
- **Superior water repellence** – Enriched with Silicon additives that repels rainwater
- **Graphene Reinforced** – Superior mechanical strength with film integrity
- **Elongation up to 120%** - Enhancing flexibility of the film and resistance to temperature variation
- **High Sheen finish** – Enhances aesthetic appeal with a luxurious look
- **Long-lasting colour retention** with advanced UV-resistant pigments (SRI > 110)
- **Advanced anti-algae & anti-fungal protection**, ideal for high rainfall areas
- **Excellent Alkali Resistance** – Protects against efflorescence and surface degradation
- **Green Pro Certified** – Validates our effort in striving towards to a sustainable future

#Based on test conducted by NTH, CEPT Ahmedabad, ICT Mumbai

USAGE

Ideal for exterior masonry, plastered surfaces, concrete blocks, and asbestos. Suitable for both new and previously painted surfaces.

PACK SIZE

Available in 1/0.9 lt, 4/3.6 lts, 10/9 lts and 20/18 lts

COLOUR RANGE

Over 1,700 shades available. Refer Berger 2500 CB fandeck

Version No: WL500/01-06-2025. Please note that this data sheet supersedes all previous versions.

Berger Paints India Limited

Berger House, 129 Park Street, Kolkata 700017 | **CONSUMER RELATIONS MANAGER** Ph: 1800-103-6030

Fax: 91-33-2249-9729/9009 | SMS BERGER to 56767 | Email: consumerfeedback@bergerindia.com | www.bergerpaints.com

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PHYSICAL FILM PROPERTIES

Water Resistance	Resistant to humidity levels typically found in exterior environments.
Gloss/Sheen Level	16-20 at 60° GH when released
Drying Time	30 minutes (Surface Dry), 4-6 hours (Hard Dry)
Film Composition	Pigment : Light fast pigments Binder : Acrylic Solvent : Soft water
Flash Point	Non-Flash
Fire Hazard Class	Non-flammable Unusual Fire & Explosion hazards: Material can splatter above 212°F. Polymer film can burn.
VOC Level	<50 gm/L (Low VOC, No added lead, arsenic, chromium (VI), or mercury)
Coverage	On Smooth Surface: 70-75 sq. ft./L/2 coats On Textured Surface: 55-60 sq. ft./L/2 coats <i>(Coverage may vary based on surface conditions, porosity of the surface and application techniques)</i>

Recommended Film Thickness per Coat	<table><tr><th>Theoretical (approx. figs)</th><th>Wet film</th><th>Dry film</th></tr><tr><td></td><td>150-180 microns</td><td>55-65 microns</td></tr></table>	Theoretical (approx. figs)	Wet film	Dry film		150-180 microns	55-65 microns
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APPLICATION DATA

Application Method	By brush, roller, airless spray or conventional spray.
Pot Life of Thinned Material	Within 24 hrs
Over Coating Interval	4 – 6 hours
Before Painting Check	Ideal moisture content of the wall should be below 12% Ideal pH value of the wall surface should be between 7-11

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DIRECTION FOR USE

Surface Preparation

1. Ensure the surface is clean, dry, and free from dirt, grease, fungus and algae, and flaking paint by sanding or wire brushing the surface.
2. Undertake repairs of all surface imperfections - cracks, holes, dents before initiating painting process
3. Treat affected areas with a bio-wash solution, followed by thorough rinsing. Allow the surface to dry thoroughly
4. For filling cracks up to 5 mm use HS Crack filling paste. Wider cracks require use of HS Advance latex plus.
5. Undertake seepage or dampness treatment (if any) before initiating Putty & Primer application.

For fresh/new painting surface – The surface should be allowed to cure properly before initiating painting process.

Recommended Painting System

Substrate Type	Primer Coat (as per product usage guidelines)	Topcoat (2 Coats)*
For Repainting surface	Damp Stop SP300 / SP500 / SP700	Platina Long Life WL500
For Fresh Painting surface	Damp Stop SP300 / SP500 / SP700	Platina Long Life WL500

*In case of deep colours, an additional coat may be required for full opacity

Dilution Ratio

Brush/Roller/Spray: 400 ml of water per 1L of emulsion. In case of N base shades, no dilution is advised to ensure proper colour depth.

For dark shades only: Maximum dilution should be 10% depending on shade

Note: Improper dilution from that recommended will result in low coverage or may impact application properties and product performance.

Ideal Conditions during paint application

The substrate temperature should be at least 10°C and at least 3°C above the dew point.

Ideal moisture content of the wall should be below 12%.

Ideal pH value of the wall surface should be between 7-11.

Cleaning Up

Clean all application tools with water immediately after use.

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Points to Note

- Shake well before use and do not over dilute or overextend brush
- Stir and strain the material through a fine sieve before use
- Do not apply on high alkaline surface.
- Do not apply on a wet surface or Chalking/flaking surface or where the surface is infected with fungus/algae.
- Do not apply paint if the ambient temperature is less than or expected to fall below 10°C
- Use only Berger Paints' machine colorants to tint shades (selected exterior shades).
- Stability of the thinned paint should be used within 24 hours.
- Complete painting system should be applied before monsoon. In complete application should not be left exposed before monsoon.
- Do not use contaminated water for thinning. The water should be clean, fresh, free from dirt, microbes, chemicals such as acid, chlorine etc. Thinned paint is to be used up within 24 hours to avoid any possibility of microbial attack.
- Ensure proper washing of the painting surface and cleaning of all algal and fungal growth, if any, at regular intervals (twice yearly) for best performance.

HEALTH, SAFETY & ENVIRONMENTAL SECURITY

- Keep out of reach of children and away from food stuff.
- Treatments such as sanding, burning off, etc., of paint films may generate hazardous dust and other fumes. Wet sanding/flaming should be used wherever possible. Work in well-ventilated areas. Use suitable personal protection equipment.
- Wear eye/hand protection
- In case of contact with eyes, wash immediately with water and seek medical help.