

PLATINA

RANGOLI EC500



PRODUCT INFORMATION



Rangoli EC500 has been formulated with cross-linking polymers which provide excellent stain resistance for 100+ stains and make it easy to maintain. It gives a smooth sheen finish that adds elegance to interior walls. It also provides long-lasting protection with a 7-year performance warranty, making it a reliable choice for homes.

FEATURES AND BENEFITS

- **High Stain Resistance** – Cross-Linking Polymers provides excellent stain resistance and easy maintenance.
- **7 Years Performance Warranty** – Long-lasting protection that keeps your walls fresh for years.
- **High Coverage** – Superior spreading ensures more area covered with less paint.
- **Anti-Fungal** – Protects walls from fungal growth, ensuring a cleaner home environment.
- **Luxury Finish** – Luxury smooth finish that elevates interior aesthetics.
- **Soft Sheen Finish** – Subtle, elegant sheen that adds sophistication to walls.
- **Green Pro Certified** – Eco-friendly formulation safe for homes and the environment.

USAGE

On plastered surfaces.

PACK SIZE

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

COLOUR RANGE

Over 2,000 shades available. Refer Berger 2500 CB fandeck

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PHYSICAL FILM PROPERTIES

Water Resistance	Resistant to humidity levels typically found in interior environments.
Gloss/Sheen Level	Upto 35 at 85° on a glass plate when released at 300-micron DFT applied by box coater.
Drying Time	15-25 minutes (Surface Dry) at 25°C and 60%RH, 6-8 hours (Hard Dry) or overnight depending on environment and surface conditions
Film Composition	Opacifying Pigment Binder: Acrylic copolymer 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: 130-140 sq. ft./L/2 coats On Textured Surface: 120-130 sq. ft./L/2 coats (Coverage may vary based on various conditions depending on (but not limited to) surface conditions, porosity of the surface and application techniques)

APPLICATION DATA

Application Method	By brush, roller, airless spray or conventional spray.
Pot Life of Thinned Material	Overnight
Over Coating Interval	6-8 hours depending on atmospheric conditions, substrate porosity, quality of surface preparation, dilution, application tool used, etc
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

Version No: WC300/01-06-2025. 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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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	Platina BP White PR300	Platina Rangoli EC 500
For Fresh Painting surface	Platina BP White PR300	Platina Rangoli EC 500

*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

Do not paint when ambient temperature is below 10°C or above 40°C.

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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Cleaning Up

Clean all application tools with water immediately after use.

Cleaning and Maintenance

- Shake well before use and do not over dilute or overextend brush
- Use only a toilet soap to clean stains
- To clean oil-based stains, use mineral turpentine oil only
- Use only a soft white cotton cloth for cleaning
- While cleaning, wipe gently without using pressure
- Attempt cleaning the surface only after one week of application

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.

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