TECHNICAL DATASHEET

EMULSION CLEAR BINDER

Polycolor emulsion clear binder is a transparent, water-based acrylic co-polymer sealer designed to penetrate and consolidate porous or chalky substrates, enhancing adhesion for subsequent coatings. It dries clear, binds loose particles, and provides a stable base for topcoats such as paints, textured finishes, or waterproofing systems.

PRODUCT BENEFITS

- **Deep Penetration:** Effectively penetrates powdered, weathered, and porous surfaces to strengthen and consolidate the substrate.
- **Improves Adhesion:** Creates a sound base that enhances the adhesion of subsequent coatings, reducing the risk of peeling or flaking.
- **Binds Loose Particles:** Seals and binds chalky or degraded surfaces, restoring integrity for repainting.
- **Transparent Finish:** Dries clear, preserving the original appearance of the substrate.
- **Water-Based & Low VOC:** Environmentally friendly, with easy cleanup and low odor during application.
- **Efflorescence Resistance:** Helps reduce the migration of salts to the surface, minimizing staining or coating failure.
- **Alkali Resistant:** Can be applied to new cement-based substrates without risk of alkali attack.
- **Quick Drying:** Allows for faster project turnaround with short recoat times.
- **Cost-Effective Surface Preparation**: Extends the life of topcoats by improving performance and reducing maintenance.
- **Non-Yellowing:** Maintains clarity over time without discoloration.
- **Compatible with Various Coatings:** Works well under emulsions, elastomeric coatings, and textured finishes.
- **Easy Application:** Can be applied by brush, roller, or spray for convenience on site.

AREAS OF APPLICATION

- Powdered or chalky painted surfaces
- Weathered exterior and interior walls
- Concrete and cement plaster surfaces
- Gypsum and drywall substrates
- Fiber cement boards
- Brickwork and masonry
- Old, degraded emulsions or textured coatings
- Surfaces prior to applying waterproofing systems
- Porous substrates needing surface consolidation
- Repainting or maintenance of aged building facades

PRODUCT FEATURES

Available Pack	1L, 5L and 20L
Shelf life	2 years from date of manufacture in original tightly closed containers.
Coverage	14 m^2/L/ coat
Finish	Transparent
Drying time to touch	1 hour

SURFACE PREPARATION

- If the old coating and /or its substrate have blisters or any other defects, then total removal must be done by mechanical means or by stripping with paint remover. On powder old coatings, apply one coat of polycolor emulsion clear binder.
- For substrates that are affected by fungi and algae attack, polycolor fungicidal wash by roller should be applied and leave to react for 12 hours minimum. Rinse with high pressure water and brush if necessary to ensure complete elimination of algae and fungus. Once dried, apply a coat of fungicidal treatment on the surface which will be coated the same day.
- Apply a thin coat of polycolor emulsion clear binder where necessary and leave to dry for 3 hours minimum.

APPLICATION PROCESS

Method	:	Brush and Roller
Thinning	:	No thinning required
Dilution by volume	:	No dilution required

APPLICATION

- Apply one coat by roller or brush on clean, dry surface.

SAFETY AND ENVIRONMENT FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children and away from eating tables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- In an event of spill, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.

DISCLAIMER
These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

Polytol Paints

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