

WANECO®WB165

Water-in-water Paint

Product Description

WANECO®WB165 Water-in-water Paint consists of an acrylic copolymer emulsion, pigments, fillers, and additives. When used with a sealing primer, it delivers excellent adhesion and protective performance.

Product Characteristics

This product features a tough, durable paint film with strong adhesion, excellent water resistance, stain resistance, and alkali resistance, along with outstanding mold-proofing properties.

Recommended Applications

Suitable for decorating and renovating various brick and stone structures as well as gypsum board walls, and also applicable for exterior wall insulation systems. Designed for use with water-based water-in-water and water-in-sand multi-color paints as the base coat for multi-color finishes.

Technical Specifications

Physical Parameters

Color	White; other colors may vary.
Gloss	Matte
Specific Gravity	Approx. 1.4 kg/L
Solids By Volume	50±2%
Theoretical Spreading Rate	8-10 m ² /kg (First coat; may vary depending on application method, surface roughness or porosity)

Surface Preparation

The surface to be painted must be thoroughly dry, clean, and free of oil and other contaminants. The pH value must be below 10. The substrate should be level, sound, and free of defects. As a topcoat over sealing primers, textured primers, or putty, application should only occur after the primer or putty has achieved hard dryness. For walls with existing paint films, remove any chalking or flaking paint, rinse thoroughly with clean water, and allow to dry completely before painting.

Application Guidance

Application Method

Brush application, roller application, spray application.

Thinner

Clean Water

Cleaning Agent: Clean Water

Film Thickness

Film Thickness	
Wet Film	45μm
Dry Film	90 μm

Drying Time - Surface Dry

1 hour (20°C/68° F, R.H. 65%) (Drying time varies with temperature and humidity)

Overcoating Interval

Product Name	20°C	
Water-in-water Paint	Lowest	4 hours
WB165	Highest	Extendable

Ambient Temperature

5°C~40°C. Avoid application when relative humidity exceeds 85%.

Mixing and Thinning

After opening the WANECO®WB165 can, thoroughly stir the paint inside. If necessary, add an appropriate amount of water according to the instructions. Do not over-dilute. Do not add other paints, organic solvents, or powders.

Ventilation

For the safety of construction personnel and the proper performance of this product, all areas of the construction site must be well ventilated.

Packaging and Storage

Packaging

Single-component, packaging specifications vary by color configuration.

Storage

Product storage must comply with national regulations. Store in a cool, well-ventilated area at a temperature not below 0°C, avoiding heat and ignition. Containers must be kept tightly closed.

Shelf life

1 year (20°C/68°F)

Warning

May cause eye and skin irritation. Vapors may cause respiratory irritation in sensitive individuals. May cause skin sensitization. Avoid breathing vapors. Avoid contact with eyes and skin. Use eye, ear, and skin protection, and wear an appropriate respirator to avoid potential respiratory irritation. After use, thoroughly wash skin with water. If discomfort occurs, consult a physician. Wash clothing before reuse. If breathing has stopped, perform artificial respiration, preferably mouth-to-mouth, and seek medical attention. Burns: Exothermic reactions may cause product to become excessively hot. Handle mixtures with caution. Wear gloves. First Aid: If product contacts eyes, immediately flush with water for at least 15 minutes. Remove contaminated clothing and shoes. Wash exposed skin with soap.

Before and during use, observe all safety labels on the packaging. Consult the Safety Data Sheet and comply with relevant national or local government safety regulations.

Statement

The information listed in this document is reliable. Each value provided is calculated as theoretical data based on the product formulation. Upon request, our company can disclose the internal standard measurement methods used to determine any of the above data. Since usage conditions are beyond the manufacturer's control, this information is provided without warranty. The product is intended for professional use only. For any inquiries, please contact our company.

Our Technical Support and Customer Service Center is available to provide consultation and application technical services regarding the product. We welcome your inquiries via mail or phone. National Customer Service Hotline: 400-059-1116 ext. 3.