

# WANEKO®WA564

## Water-Based Acrylic Topcoat

### Product Description

WANEKO®WA564 is a topcoat formulated with acrylic resin, plasticizers, and weather-resistant pigments. It produces a smooth, even film with vibrant, long-lasting color, providing durable protection and decorative finish for substrates.

### Product Characteristics

Environmentally friendly water-based formulation, offering excellent stain resistance, weather resistance, and chemical resistance, with easy application.

### Recommended Uses

For protective and decorative coating applications on indoor and outdoor industrial equipment, decorative components, and dry building surfaces.

### Technical Specifications

#### Physical Parameters

Color	White, or as per user requirements
Gloss	Flat
Specific Gravity	Approx. 1.3 kg/L
Solids By Volume	44±2%
Theoretical Spreading Rate	11 m <sup>2</sup> /L, DFT: 40μm
Flash Point	100℃
VOC	2g/L

### Surface Preparation

Prior to application, the surface of the object to be coated must be free of grease, dust, moisture, and other contaminants, and must have an appropriate primer applied. To ensure the appearance of the paint film, the primer must be smooth and level, free of surface defects such as dry spray or orange peel.

### Application Guidance

#### Application Method

Brush application, roller application, airless spray application.

**Thinner**

Clean Water

**Film Thickness**

Film Thickness	
Wet Film	100µm
Dry Film	40µm

**Drying time**

Surface Temperature	20℃
Surface Dry	30 mins
Hard Dry	4 h
Fully Cured	7 days

DFT 40 µm

**Overcoating Interval**

Product Name		20℃
Water-Based Acrylic Topcoat WA564	Lowest	12 h
	Highest	Extendable

**Ambient Temperature**

15℃~40℃. Avoid application when relative humidity exceeds 85%.

**Surface Temperature**

Above the dew point by 3℃ or more.

**Recommended Method**

Tools	Application Parameters
Airless Spray	Nozzle Pressure: 18 MPa
	Nozzle Size: 0.33 – 0.48 mm

WANEKO®WA564 can be applied using airless spraying, roller application, or conventional spraying.

**Mixing and Thinning**

WANEKO®WA564 is a single-component product. Mix until uniform and free of lumps, taking no longer than 2 minutes. Use a variable-speed power mixer. If required by application conditions, a small amount of

clean water (0 – 5%) may be added.

### **Ventilation**

Maintaining good ventilation in enclosed spaces is crucial for the safety of construction personnel and for ensuring the proper performance of this product. Air must be dry, as this product cannot be applied when humidity exceeds 85%.

## **Packaging and Storage**

### **Packaging**

Single-component, 25 kg composite packaging.

### **Storage**

Product storage must comply with national regulations. Store in a cool, well-ventilated area away from heat and ignition. Containers must be kept tightly closed.

### **Shelf life**

1 year

## **Safety Precautions**

### **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.