

WANARMOR®ES006

Solvent-Free

Concrete Primer

Product Description

WANARMOR®ES006 is a 100% solids, solvent-free concrete primer suitable for application on both dry and damp concrete surfaces.

Product Characteristics

Excellent adhesion, suitable for use on damp surfaces.

Recommended Uses

Dry and wet concrete surfaces.

Technical Specifications

Physical Parameters

Color	Transparent
Gloss	Flat
Specific Gravity	Approx. 1.1 kg/L
Solids By Volume	Approx. 100%
Theoretical Spreading Rate	10 m ² /L, DFT:100 µm
Flash Point	>100°C
VOC	20g/L

Surface Preparation

For surfaces cleaned with high-pressure water or mechanical methods, the concrete substrate must be sound and free of loose particles, oil contamination, and impurities. Application is possible on damp surfaces, provided no standing water is present.

Application Guidance

Application Method

Airless spraying, brushing, rolling.

Mixing Ratio

Mass Ratio:10(Base) : 6(Hardener)

Pot Life:30 minutes/20 °C

Hardener

CES0060

Thinner

Cleaning Agent:WANARMOR®TH003

Film Thickness

Film Thickness	
Wet Film	30 μm
Dry Film	30 μm

Drying Time

Surface Temperature	20°C
Surface Dry	4hours
Hard Dry	8hours
Fully Cured	7days

DFT:30 μm

Overcoating Interval

Product Name		0°C	20°C	30°C
Solvent-Free Concrete Primer	Lowest	8 hours	2 hours	1.5 hours
ES006	Highest	Extendable	Extendable	Extendable

Ambient Temperature

5°C~40°C. Avoid application under conditions where relative humidity exceeds 85%.

Surface Temperature

Above the dew point by 3°C or more.

Recommended Method

Tools	Application Parameters
Airless Spray	Nozzle Pressure: 17.5MPa
	Nozzle Size: 0.43-0.53mm

WANARMOR®ES006 can be applied using airless spraying, roller coating, or conventional spraying.

Mixing and Thinning

WANARMOR®ES006 is a two-component product with a pre-determined mixing ratio. First, stir the Base until uniform and free of lumps for no longer than 2 minutes. Then slowly add the hardener and stir for 3 minutes. Use a variable-speed power mixer. Avoid over-mixing, as this accelerates curing and reduces product lifespan. High temperatures shorten the mixture's pot life, while low temperatures extend it.

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

Two-component, 25.6 kg combination packaging.

Storage

Products must be stored in accordance with national regulations. Keep 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.