

ANTIMOFUS

PRODUCT DESCRIPTION

Waterborne finish based on acrylic resin. Contains non-toxic fungicidal and bactericidal additives, which remain effective in the coating after drying. Its waterborne characteristic allows application in enclosed environments without the need to restrict access to the area.

Paints with antimicrobial action exclusively intended to preserve the aesthetic properties, protection, and durability of the applied film.

RECOMMENDED USE

Recommended for indoor applications on masonry walls.

CERTIFICATIONS AND APPROVALS

When supplied to comply with the ROHS Directive (Restriction of Certain Hazardous Substances), this product includes the letter R in its nomenclature description.

PACKAGING

Single Component 3.6L Package containing 3.6L

CHARACTERISTICS

Color	White.
Gloss	Satin
Volume Solids	50 ± 2% (ISO 3233)
Shelf Life	12 months
Dry Film Thickness	40 µm - 50 µm
Dry Heat Resistance	Maximum temperature 60 °C. The product maintains its chemical properties up to a temperature of 60 °C, but from 60°C, color and gloss variations in the paint may occur.
Theoretical Coverage	11,11 m ² /l without dilution at a dry film thickness of 45 µm. Loss factors during application are not considered.

DRYING

Drying			
	10 °C	25 °C	35 °C
Manipulation	6 hours	3 hours	90 min
Final	20 days	15 days	10 days
Recoat Drying			
	10 °C	25 °C	35 °C
Minimum	24 hours	3 hours	3 hours
Maximum	96 hours	72 hours	48 hours

SURFACE PREPARATION

Standard Surface Preparation

The performance of this product is related to the degree of surface preparation. In case of doubts, for more information, consult WEG's Technical Department.

Concrete Surfaces

Before painting, all masonry or concrete must be cured (28 days for cement mortar or concrete) and dry, without cracks, fissures, or voids, and perfectly adhered to the base or other mortar and coating layers.

For very porous surfaces, apply a 5% diluted water coat first. To achieve a completely smooth finish, prepare the surface with filler or acrylic putty, sand, and clean dust and residues before painting.

The performance of this product is associated with surface preparation. The surface must be clean, solid, free of any contaminants, fully dry, and have sufficient roughness to allow adhesion of the applied protection system.



Over Primer

NOTE: Respect the product's recoat interval for the application of the subsequent coat. If the maximum indicated recoat interval is exceeded, it is necessary to perform a light manual or mechanical sanding to break the gloss of the previous coat, followed by cleaning off dust and sanding residues to ensure better adhesion between paint coats.

APPLICATION PREPARATION

Mixing	Homogenize the content of the container using mechanical or pneumatic stirring. Ensure no sediment remains at the bottom of the container.
Thinner	WATER
Dilution	Depending on the application method, dilute to a maximum of 5%.
Notes	<p>Dilute according to recommendation.</p> <p>Only add the thinner after the A + B components are completely mixed.</p> <p>Excessive thinning of the paint may affect film formation, appearance, and make it difficult to achieve the specified thickness.</p> <p>The amount of Diluent may vary depending on the type of equipment used and environmental conditions during application. Only add Diluent after complete mixing of the other components. Do not dilute with solvents not allowed by local legislation, and do not exceed the indicated dilution percentage. Excessive dilution may affect film formation, appearance, and make it difficult to achieve the specified thickness.</p>
Pot Life	Not relevant.

APPLICATION METHODS

Conventional Spray Gun	<p>Spray gun: JGA 502/3 Devilbiss or equivalent</p> <p>Fluid nozzle: EX</p> <p>Air cap: 704</p> <p>Atomization pressure: 50 - 70 psi</p> <p>Tank pressure: 10 - 20 psi.</p>
Airless Spray Gun	<p>Airless: Use minimum pump 60:1</p> <p>Fluid pressure: 2000 - 3000 psi</p> <p>Hose: 1/4" inner diameter</p> <p>Nozzle: 0.015" - 0.021".</p>
Roller	<p>Use a short-haired, seamless wool or synthetic roller for epoxy paints.</p> <p>For application with brush and/or roller, it may be necessary to apply two or more coats to achieve a uniform layer and the recommended film thickness.</p>
Brush	<p>For application with brush and/or roller, it may be necessary to apply two or more coats to achieve a uniform layer and the recommended film thickness.</p> <p>Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm for touch-ups.</p>
Cleaning of the equipments:	WATER
Notes	<p>The data presented serves as a guide and similar equipment may be used.</p> <p>Changes in pressures and nozzle sizes may be necessary to improve spraying characteristics. Purge the compressed air line to avoid paint contamination.</p> <p>Before application, ensure that the equipment and respective components are clean and in optimal condition.</p> <p>After mixing two-component products, if there are application stops and the pot life has been exceeded (paint shows variation in flow), it can no longer be re-thinned for later application.</p>



In spray application, overlap each gun pass by 50%, finishing with a cross pass. This technique avoids uncovered or unprotected areas and ensures proper aesthetic finish.

Reinforce all sharp corners, gaps, and weld beads with a brush to avoid premature failures in these areas.

Clean all equipment immediately after use.

Do not leave material in hoses, guns, or equipment used for spraying. Thoroughly wash all used equipment.

It is considered good practice to periodically wash the spraying equipment during the day. The cleaning frequency depends on the amount sprayed, temperature, and elapsed time, including all delays.

APPLICATION PERFORMANCE

Water-based paints are known for their low toxicity but are vulnerable to environmental contamination, especially by solvents other than water. For best performance, pH should be maintained between 8.0 and 9.0. Once the package is opened, it is recommended to use the product in its entirety.

Light colors may require more than one coat to achieve uniform coverage.

For optimal application properties, the paint temperature should be between 21°C and 27°C before mixing and application.

Before application, observe weather conditions: there must be no threat of rain or drizzle. Surface temperature must be at least 3°C above the dew point, and relative humidity should not exceed 85%. Adverse conditions may cause color variations and other characteristics. Consult WEG Technical Department.

Painting is recommended only if surface temperature is at least 3°C above the dew point.

Substrate temperature, climatic and environmental conditions during application and curing, as well as applied film thickness, may affect drying time.

Epoxy systems may have longer curing times when exposed to low temperatures. For curing at temperatures below 10°C, consult the WEG Technical Department.

Paintings performed with varying application methods on the same project may result in differences in gloss and final appearance.

Small variations in color, appearance, and gloss (more noticeable in dark colors), as well as delayed curing and performance compromise, may occur during high humidity, rainy days, cold locations, or when parts dry outdoors.

Under adverse weather conditions in indoor and/or outdoor environments with high relative humidity, rain or drizzle, low or very low temperatures, and excessively high temperatures, variations in color and other product characteristics may occur. Please consult WEG's Technical Department for more information.

SAFETY PRECAUTIONS

Product developed for industrial use intended for handling by qualified professionals. Carefully read all information contained in the SDS of this product, available at: www.weg.net.

Store in a covered and well-ventilated place. Keep the container tightly closed and away from sources of heat or ignition.

Use only in well-ventilated areas, avoiding the accumulation of flammable vapors. Keep the product away from heat and sources of ignition.

Do not inhale mists/vapors/aerosols generated during handling and/or application. Use protective gloves/protective clothing/eye protection/face protection.

Empty containers and materials with paint residues must be disposed of according to current legislation. Take care of the environment.

NOTE

The information contained in this technical bulletin is based on the experience and knowledge acquired in the field by WEG's technical team.

In the event of using the product without prior consultation with WEG regarding its suitability for the purpose for which the customer intends to use it, the customer acknowledges that the use will be at their own exclusive responsibility, and WEG is not liable for the behavior, safety, suitability, or durability of the product.

Some information mentioned in this bulletin is only an estimate and may vary due to factors beyond the manufacturer's control. Therefore, WEG does not guarantee and assumes no responsibility for performance, efficiency, or any material or personal damages resulting from the incorrect use of the products in question or from the information contained in this Technical Bulletin.

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providing quality solutions to meet the needs of our customers.
