



W-THANE FILLER PRIMER



**PRODUCT DESCRIPTION**

Two-component modified polyester primer with excellent filling on damaged surfaces, good protection, drying, and adhesion on fiber and carbon steel. Excellent sandability.

**RECOMMENDED USE**

Excellent primer for painting payphones, vehicle bodies, and bus bodies on fiberglass and carbon steel parts, providing good filling. Can be applied over polyester putty and nitrocellulose.

**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**

<b>Component A</b>	3.6L Package containing 2.88L 20L Package containing 16L
<b>Component B</b>	0.9L Package containing 0.72L 5L Package containing 4L

**CHARACTERISTICS**

<b>Color</b>	White.
<b>Gloss</b>	Ultra-Matte
<b>VOC content</b>	633.39 g/l
<b>Volume Solids</b>	48 ± 2% (ISO 3233)
<b>Shelf Life</b>	12 months
<b>Dry Film Thickness</b>	30 µm - 40 µm
<b>Dry Heat Resistance</b>	Maximum temperature 90 °C. The product maintains its chemical properties up to a temperature of 90 °C, but from 60°C, color and gloss variations in the paint may occur.
<b>Theoretical Coverage</b>	13,71 m <sup>2</sup> /l without dilution at a dry film thickness of 35 µm. Loss factors during application are not considered.

**DRYING**

**25 °C**

<b>Touch Dry:</b>	3 h
<b>Handle Dry:</b>	6 h
<b>Full Cure:</b>	7 days
<b>Minimum recoat drying time:</b>	5 h
<b>Maximum recoat drying time:</b>	24 h

**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.

The surface must be clean, dry, and free of contaminants. Completely remove oils, greases, and fats according to SSPC-SP1.

Remove accumulated dirt using a dry brush, clean dry cloth, compressed air blow, vacuum, or a combination of these. Remove soluble salts by washing with plenty of fresh water, preferably under low pressure (up to 5,000 psi), according to SSPC-SP12/NACE No. 5 standard.

**Degreasing**

Completely remove oils and greases by applying a degreasing product or according to the solvent



cleaning method. Whenever cleaning surfaces with cloths, replace them to avoid saturation. Do not use cotton waste or colored cloths.

**New Constructions**

When aged paint shows good adhesion to the substrate, superficial sanding is recommended to break gloss, followed by dust and residue cleaning to improve intercoat adhesion.

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**APPLICATION PREPARATION**

<b>Mixing</b>	Homogenize the content of each component using mechanical or pneumatic stirring (A and B). Ensure no sediment remains at the bottom of the container. Add component B to component A in the indicated mixing ratio under stirring until completely homogenized, respecting the mixing ratio.
<b>Mixing Ratio</b>	By volume: 4 A x 1 B.
<b>Thinner</b>	PU DILUENT 5022
<b>Dilution</b>	Depending on the application method, dilute to a maximum of 20%.
<b>Notes</b>	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.
<b>Pot Life</b>	4 h  The shelf life of the mixture is reduced as the ambient temperature increases.  The pot-life test of the mixture is carried out according to ABNT NBR 15742; however, different volumes of paint prepared at once, combined with varying ambient and paint temperatures, will affect the mixture's shelf life, potentially resulting in outcomes different from those stated in this technical bulletin.

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**APPLICATION METHODS**

<b>Roller</b>	Recommended only for small areas or touch-ups. Use a low-pile seamless wool roller or synthetic roller for epoxy paints. Use wool or synthetic rollers.
<b>Brush</b>	Recommended only for small area touch-ups or "stripe coat" (screws, nuts, weld beads, sharp corners, and touch-ups). 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.
<b>Cleaning of the equipments:</b>	PU DILUENT 5022
<b>Notes</b>	Changes in pressures and nozzle sizes may be necessary to improve spraying characteristics. Purge the compressed air line to avoid paint contamination. Before application, ensure that the equipment and respective components are clean and in optimal condition. 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. Reinforce all sharp corners, gaps, and weld beads with a brush to avoid premature failures in these areas. Do not leave material in hoses, guns, or equipment used for spraying. Thoroughly wash all used equipment.

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**APPLICATION PERFORMANCE**



For coatings applied in coastal areas exposed to sea spray, it is recommended to wash with fresh water between coats to remove deposited impurities.

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

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.

Must not be applied under adverse conditions, such as relative humidity (RH) above 85%, as color and appearance changes may occur.

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

Repainting is not recommended; only touch-up where necessary.

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.

**SYSTEM COMPATIBILITY AND MAINTENANCE REPAINTING**

The primer repainting interval must be respected for the application of the topcoat. If the maximum interval indicated is exceeded, manual/mechanical sanding with sandpaper to remove gloss is necessary. The primer surface must be dry and free of contaminants.

**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](http://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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