



W-TERM CVA 660 WEG

PRODUCT DESCRIPTION

Single-component modified silicone-based topcoat. Heat resistant up to 1112°F. Can be applied directly to carbon steel, metallized aluminum alloy, or W-TERM CVD 660 primer.

RECOMMENDED USE

Recommended for coating exhaust pipes, chimneys, furnaces, boilers, heat exchangers, pipes, vehicle exhaust, or other equipment at temperatures:  
 302-662°F continuous;  
 662-932°F up to 24 hours;  
 932-1112°F up to 1 hour.

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>Single Component</b>	0.95 US gal Package containing 0.95 US gal 5.28 US gal Package containing 5.28 US gal
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CHARACTERISTICS

<b>Color</b>	Aluminum. Colors.
<b>Gloss</b>	Semi-Matte
<b>VOC content</b>	6.49 lb/gal
<b>Volume Solids</b>	30 ± 2% (ISO 3233)
<b>Shelf Life</b>	12 months
<b>Dry Film Thickness</b>	0.8 mils - 1.2 mils
<b>Dry Heat Resistance</b>	Maximum temperature 1112 °F. The product maintains its chemical properties up to a temperature of 1112 °F, but from 302°F, color and gloss variations in the paint may occur.
<b>Theoretical Coverage</b>	1 without dilution at a dry film thickness of 1.0 mils. Loss factors during application are not considered.

DRYING

<b>Drying</b>	77 °F
	40 min
<b>Oven Drying</b>	356 °F
<b>Time</b>	30 min

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.

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.

APPLICATION PREPARATION

<b>Mixing</b>	Homogenize the content of the container using
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	mechanical or pneumatic stirring. Ensure no sediment remains at the bottom of the container.
<b>Thinner</b>	Not applicable.
<b>Dilution</b>	Ready to use.
<b>Notes</b>	No dilution is required. Product ready to use. If necessary, consult the WEG Technical Department.
<b>Pot Life</b>	Not relevant.

**APPLICATION METHODS**

<b>Conventional Spray Gun</b>	Spray gun: JGA 502/3 Devilbiss or equivalent Fluid nozzle: EX Air cap: 704 Atomization pressure: 60 - 65 psi Tank pressure: 10 - 20 psi.
<b>Brush</b>	Recommended only for small area touch-ups or "stripe coat" (screws, nuts, weld beads, sharp corners, and touch-ups).
<b>Notes</b>	The data presented serves as a guide and similar equipment may be used. 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. 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.

**APPLICATION PERFORMANCE**

An increase in viscosity of this material may occur during storage, being a normal characteristic of the product.

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 must be between 69.8°F - 80.6°F before mixing and application.

We recommend painting only if the measured surface temperature is at least 5.4°F above the dew point.

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

Do not apply under adverse conditions, such as RH above 85%, as gloss and color may slightly change. Do not apply on condensed surfaces.

For equipment operating below 302°F, a pre-cure of 30 minutes at 356°F is required.

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.

**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.

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**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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