TECHNICAL DATA SHEET

W-TERM CVA 660 SPRAY PRETO 400ºC

PRODUCT DESCRIPTION: Single-component modified silicone-based topcoat. Heat resistant up to 400ºC (752°F). It can be applied directly to carbon steel.

RECOMMENDED USES: Indicated for painting chimneys, furnaces, boilers, heat exchangers, piping, vehicle exhausts or other equipment that operate at temperatures between 150°C (302°F) and 400ºC (752°F)

CERTIFICATIONS AND APPROVAL: This product, when supplied to comply with the RoHs Directive (Restriction of Certain Hazardous Substances) has the letter R in its description.

PACKAGING:

Component	Content	Package	Unit of measurement
Monocomponent	300	300	ml

CHARACTERISTICS:

Color:	Black
Gloss:	Matte
Volume solid:	25 ± 2% (ISO 3233).
Shelf-Life:	12 months at 25°C. (77°F)
Thickness per coat (dry):	20 µm –30 µm
Theoretical coverage:	1,81 m²/lat without dilution in the thickness of 25 µm dry. Without considering loss factors in application.
Resistance to dry heat:	Maximum temperature 400 °C (752 °F) . The product retains its physical and chemical properties up to the temperature of 400 °C (752 °F)

Drying:

25ºC
40 minutes

Handling:

NOTE: For equipment operating below 150 °C (302°F), it is necessary a pre-cure of 30 minutes at 180 °C (356°F).

SURFACE PREPARATION

The surface must be clean, dry and free from contaminants. Completely remove oils, grease, soluble salts and other contaminants.

Accumulated dirt must be removed using a dry brush, clean and dry cloth, compressed air blowing, vacuum cleaner and/or a combination of these, and soluble salts must be removed by washing with plenty of fresh water.

Completely remove surface oils with clean cloths soaked with cleaning solvent. When cleaning surfaces with cloths, replace them to avoid saturation. Do not use colored cloths or rags.

Application over primer
Respect the overcoating interval of the primer before applying the product. If the primer repainting time is exceeded, sand as described in the technical data sheet of the primer used.

Refinishing of surfaces with aged coating in good conservation conditions

We recommend the user of this coating to seek ways to make sure the original aged painting is still well bond to the substrate before executing this refinish. Loose aged coatings or not well bonded must be completely removed. We emphasize that the refinishing must only be made on surfaces in good conservation conditions.

For further information, consult WEG Technical Department.

PREPARATION FOR APPLICATION	**Mixture** Shake the can well with circular movements before and during application, make a small test of the applicator, pressing the valve a few times on any surface, checking the shape of the jet. Spray at 10 to 20 cm (3.9 a 7.9 in) from surface, using uniform and crossed movements, covering the desired area. For better coverage, apply several coats respecting the 5 to 10 minute interval between coats. Clean the valve by turning the can downwards and pressing the actuator until only gas comes out. **Diluent** **Not applicable** **Pot life of the mixture (25°C) (77°F)** Not relevant
PERFORMANCE IN THE APPLICATION	For a good performance of the product, we recommend following the directions below: In paintings carried out in front of the sea, if exposed to sea air, we recommend to wash with fresh water between coats eliminating settled impurities. We recommend coating only if the surface temperature is at least 3°C (37,4°F) above the dew point temperature. Variations in color, aspect and gloss (more noticeable in dark colors) may occur, as well as delay in curing and low coating performance, when applied during periods of high air relative humidity, rainy days, low temperatures or drying the coating outdoor. The temperature of the substrate, the weather and environmental conditions during the application and during the curing of the product, and the thickness of the coat may interfere in the product drying time. For better application properties, the coating temperature should be between 21°C - 27 °C (69.8°F - 80.6 °F) prior to the mixing and application. It should not be applied under adverse conditions, such as air relative humidity (RH) above 85%, as changes in color and appearance may occur. Refinishing is not recommended; only retouching where necessary. Full cure is achieved when the equipment goes into operation reaching a temperature above 150°C (305°F). For equipment operating below 150°C (302 °F), a 30-minute pre-cure at 180°C (356 °F) is required. The maximum performance of the product is obtained when the painted equipment starts operating at a temperature of 180°C (356 °F) to 230°C (446 °F). It is recommended to raise this temperature slightly. The adhesion test can only be performed after the film has completely cured. For further information, consult WEG Technical Department.
SAFETY PRECAUTIONS	Please read carefully all the information contained in the MSDS of this product, available at: www.weg.net. Store in a covered, well-ventilated area. 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. Wear protective gloves / protective clothing / eye protection / face protection. Avoid release this product and its packaging, as well as materials used during handling and application in the environment
NOTE:	The information contained in this technical datasheet is based upon the experience and knowledge

acquired in the field by the technical team of WEG.

If using the product without previous inquiry to WEG Coating concerning its suitability for the customer's intended purpose, the customer is aware that the use shall be its exclusive responsibility, WEG not being responsible for behavior, safety, suitability or durability of the product.

Some information contained in this datasheet are estimated, and can undergo variances arising from factors outside the manufacturer's control. Thus, WEG does not guarantee and does not assume any responsibility regarding the yield, performance or any other material or personal damage resulting from the incorrect use of the products concerned or the information contained in this Technical datasheet.

The information contained in this technical datasheet is subject to periodic modification, without prior notice, due to the policy of evolution and continuous improvement of our products and services, providing solutions with quality to satisfy our customers' requirements.