

W-THANE CVA 101 PL SILVER 30280 A COMPONENT

RECOMMENDED USE

Painting line for plastics. Note: depending on substrate composition, prior laboratory analysis is required. Field evaluation of surface preparation is recommended, according to product technical datasheet.

PACKAGING

Component A	20L Package containing 18L
Component B	3.6L Package containing 3.6L 20L Package containing 18L

CHARACTERISTICS

Color	Silver.
Gloss	Gloss
VOC content	455.38 g/l
VOC content	3.80 lb/gal
Volume Solids	25 ± 2% (ISO 3233)
Solids by Weight	25 ± 5 %
Shelf Life	12 months
Dry Film Thickness	30 µm - 40 µm
Dry Heat Resistance	Maximum temperature 80 °C. The product maintains its chemical properties up to a temperature of 80 °C, but from 80°C, color and gloss variations in the paint may occur.
Theoretical Coverage	7,14 m ² /l without dilution at a dry film thickness of 35 µm. Loss factors during application are not considered.
Specific Gravity	Min: 0.894 Max: 0.954 g/cm ³
Viscosity	14 - 16" CF4
Supply Viscosity	11 - 14" CF4

DRYING

25 °C

Touch Dry:	NAO RELEVANTE
Handle Dry:	NAO RELEVANTE
Full Cure:	72 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.

For more information, consult the WEG Coatings Technical Department.

Degreasing

Surface preparation starting with cleaning using alcohol.

The paint performance depends on the substrate pretreatment. For general plastics (ABS/PC, PU, SMC, ABS, PC/PBT, Nylon, PA, PP), degrease with isopropyl alcohol for cleaning. For better performance, use WEG products (CLEANING DILUENT PPL). PP plastics require pretreatment with corona, plasma, electrical discharge, flame, adhesion promoters, or specific primers. For repainting, sand the painted surface with #800 sandpaper, clean with CLEANING DILUENT PPL or isopropyl alcohol, dry, and repaint. Consult WEG Technical Department (tintas@weg.net).

APPLICATION PREPARATION

Mixing	Mixing ratio: 5 A x 1 B by volume.
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Mixing Ratio	By volume: 5 A x 1 B.
Thinner	Not applicable.
Dilution	Ready to use.
Notes	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. Only add the diluent after completely mixing components A and B.
Pot Life	2 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.
Induction Time	No induction time required. In very hot locations, we recommend consulting WEG's Technical Department.

APPLICATION METHODS

Conventional Spray Gun	Conventional spray gun 40-60 L.
Cleaning of the equipments:	Not applicable.
Notes	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. Do not allow catalyzed product to remain in contact with application equipment, as at temperatures above the indicated "pot life", the paint will show variation in flow and will harden, making cleaning difficult. 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. 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.

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.

The information contained in this technical bulletin is subject to periodic modifications, without prior notice, due to our policy of continuous improvement and evolution of our products and services, providing quality solutions to meet the needs of our customers.