

## W-CRIL VERNIZ ALVENARIA INCOLOR

**PRODUCT DESCRIPTION:** High-performance fast-drying single-component colorless acrylic varnish. It provides good weathering resistance with excellent gloss retention against ultraviolet rays and high resistance to atmospheric agents.

**RECOMMENDED USES:** Suitable for application to natural ceramic bricks, decorative stones, floor stones, natural and concrete ceramic tiles. It can also be used as a waterproofing agent to make the surface glossy, smoother and easier to clean.

**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	3,6 5 18	3,6 5 18	L

CHARACTERISTICS:				
<b>Color:</b>	Colorless			
<b>Gloss:</b>	Gloss >80 UB			
<b>Volume solid:</b>	18 ± 2% (ISO 3233).			
<b>Shelf-Life:</b>	12 months.			
<b>Thickness per coat (dry):</b>	20 µm –30 µm			
<b>Theoretical coverage:</b>	7,2 m <sup>2</sup> /l without dilution in the thickness of 25 µm dry. Without considering loss factors in application.			
<b>Resistance to dry heat:</b>	Maximum temperature 60 °C Organic coatings can undergo alterations of color, gloss and adherence when exposed to temperatures exceeding 60 °C			
<b>Drying:</b>				
		<b>10°C</b>	<b>25°C</b>	<b>35°C</b>
<b>Touch:</b>	30 minutes	10 minutes	5 minutes	
<b>Handling:</b>	2 hours	1 hour	30 minutes	
<b>Final:</b>	24 hours	12 hours	12 hours	
<b>Overcoating Drying:</b>				
		<b>10°C</b>	<b>25°C</b>	<b>35°C</b>
Min	2 hours	1 hour	40 minutes	
Max	24 hours	12 hours	12 hours	

**SURFACE PREPARATION** The performance of this product depends on the degree of surface preparation.

The accumulated dirt must be removed using a dry brush, clean and dry cloth, compressed air blow, vacuum cleaner and/or with the combination of such items, and the soluble salts must be removed through wash with a great quantity of fresh water, preferably with low pressure (up to 5,000 psi) according to SSPC-SP 12/NACE No. 5.

### Maintenance and repair

**NOTE:** Observe the product overcoating interval to apply the next coat. In case the maximum overcoating interval has been exceeded, it is necessary to manually/mechanically sand the surface to break the gloss of the previous coat and clean the sanding residues so as to provide better adhesion between the coats.

**For further information, consult WEG Technical Department.**

PREPARATION FOR **Mixture**

## APPLICATION

Homogenize the contents of the package by means of mechanical or pneumatic agitation. Ensure that no sediment is settled at the bottom of the package.

**Diluent**  
Not applicable

**Dilution**  
No dilution required. Product ready for use.

**Pot life of the mixture (25°C)**  
Not relevant

## APPLICATION FORMS

The data below is a guide, and similar equipment may be used.

The data below is a guide, and similar equipment may be used. Changes in nozzle sizes and pressures may be necessary to improve spraying characteristics. Before application, check if the equipment and its components are clean and in best condition. Purge the compressed air line to prevent contamination of the coating.

**Conventional gun:**

Gun:	JGA 502/3 Devilbiss or equivalent
Fluid nozzle:	EX
Air cap:	704
Atomization pressure:	30 - 50 psi

**Brush:**

Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm for touch up.

**Roller:**

Use a thin nap, seamless sheepskin or microfiber roller for epoxy coatings.

## 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 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.

For better application properties, the coating temperature should be between 21 - 27 °C 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.

In coatings with variation in application method in the same job, the final aspect and gloss of the painted surfaces may show differences.

For further information, consult WEG Technical Department.

## SAFETY PRECAUTIONS

Product developed for industrial use intended for handling by qualified professionals.

Please read carefully all the information contained in the MSDS of this product, available at: [www.weg.net](http://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.

