

ACABAMENTO ACRILICO N 1197

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| PRODUCT DESCRIPTION: | Solvent-based acrylic finish paint, highly resistant to weathering, offering color and gloss retention. |
| RECOMMENDED USES: | External painting of spheres and storage tanks, structural steel, pipes and all equipment exposed to continuous weathering. |
| CERTIFICATIONS AND APPROVAL: | <p>Meets Petrobras Standard N 1197.</p> <p>This product, when supplied to comply with the RoHS Directive (Restriction of Certain Hazardous Substances) has the letter R in its description.</p> <p>Product certified as part of a paint scheme approved according to MED Directive 2014/90/EU, in accordance with the tests of IMO Resolution MSC.307 (88) - Annex I: Parts 2 and 5. Part of scheme also in compliance with the requirements set by the Russian Maritime Register of Shipping (RMRS) for low flame spread.</p> |

| PACKAGING: | Component | Content | Package | Unit of measurement |
|-------------------|------------------|----------------|----------------|----------------------------|
| | Monocomponent | 3.6 20 | 3.6 20 | L |

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| CHARACTERISTICS: | Color: | Ral, Munsell or as per customer standard. | | | | |
| | Gloss: | Semigloss 60 – 80 UB | | | | |
| | Volume solid: | 32 ± 2% (ISO 3233). | | | | |
| | Shelf-Life: | 12 months at 25°C | | | | |
| | Thickness per coat (dry): | 20 µm – 30 µm | | | | |
| | Theoretical coverage: | 12,8 m ² /l without dilution in the thickness of 25 µm dry. Without considering loss factors in application. | | | | |
| | | 510.3 ft ² /U.S. gallon undiluted at 1 mil dry thickness. Without considering application loss factors. | | | | |
| | Resistance to dry heat: | Maximum temperature 60 °C Organic coatings can undergo alterations of color, gloss and adherence when exposed to temperatures exceeding 60 °C | | | | |
| | Drying: | | | | | |
| | | -5 °C | 0 °C | 10 °C | 25 °C | 35 °C |
| | Tackiness: | 36 hours | 24 hours | 2 hours | 1 hour | 30 minutes |
| | Pressure: | 72 hours | 48 hours | 12 hours | 8 hours | 5 hours |
| | Final: | 288 hours | 240 hours | 96 hours | 72 hours | 48 hours |
| | Overcoating Drying: | | | | | |
| | | -5 °C | 0 °C | 10 °C | 25 °C | 35 °C |
| | Min | 36 hours | 48 hours | 24 hours | 16 hours | 12 hours |
| | Max | 144 hours | 60 hours | 36 hours | 24 hours | 20 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.

Application over primer

The product can be directly applied to a specific primer in order to form a suitable coating system.

Observe the primer overcoating interval before applying the product. If the primer overcoating time is exceeded, sand as described in the primer data sheet. In coatings made on a primer after the overcoating interval, the adhesion values according to ASTM D 4541 may present lower values than those specified by Petrobras standard N 2913.

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 APPLICATION

Mixture

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

Diluent 1001

Dilution

Depending on the application method, dilute at most. 15%

Do not dilute with solvents that are not allowed by local legislation and do not exceed the recommended dilution percentage.

Excessive dilution of the coating may affect the formation and aspect of the film and not allow to reach the specified thickness.

Pot life of the mixture (25°C)

Not relevant

APPLICATION FORMS

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.

Recoat all sharp edges, cracks and weld beads with a brush to prevent premature failures in these areas.

Conventional gun:

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| Gun: | JGA 502/3 Devilbiss or equivalent |
| Fluid nozzle: | EX |
| Air cap: | 704 |
| Atomization pressure: | 60 - 65 psi |
| Pressure in the tank: | 10 - 20 psi |
| Dilution: | 15% |

Airless Gun:

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| Use Airless: | Use at least pump 60: 1 |
| Fluid pressure: | 2000 - 2500 psi |
| Hose: | 3/8" internal diameter |

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| Nozzle: | 0,013" - 0,017" |
| Dilution: | Max. 5% |

Cleaning the equipment:

Diluent 1001

NOTE:

Do not leave material in the hoses, spray guns and equipment used in the spraying. Thoroughly wash all equipment used.

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.

Light colors may require more than one coat for an even coverage.

We recommend coating only if the measured surface temperature is at least 3 °C (37,4°F) above the dew point temperature. Do not apply at steel temperatures below 10 °C (50°F).

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.

On newly painted surfaces in direct contact with water during the curing process, localized stains may occur with changes in their color (more visible in dark colors), delay in curing and compromised product performance.

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.

COMPATIBILITY OF SYSTEMS AND MAINTENANCE REFINISHING

The direct application of this product on zinc-rich ethyl silicate-based primers, alkyd primers, coal tar-based coatings and other single-component primers is not recommended. When necessary to apply the topcoat over one of the primers mentioned above, we recommend the application of an appropriate intermediate coating.

In situations where the nature of the primer is unknown, it is recommended to test the compatibility of the product in a small area. Check the original material is well adhered. All loose coating must be removed. Points with corrosion or application over aged coatings should be treated according to technical guidance.

The primer overcoating interval should be respected before applying the topcoat. If the maximum recommended overcoating interval is exceeded, manual/mechanical sanding is necessary to break the gloss. The primer surface must be dry and free of any contaminants.

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.

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.

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