



## W-POLI ADA 462 R

|                                     |   |
|-------------------------------------|---|
| <b>PRODUCT DESCRIPTION:</b>         | Two-component, polyaspartic resin based coating, with a non-slip, solvent-free function, which can be applied indoors or outdoors, providing a highly textured and therefore non-slip film. Applicable in high thicknesses in a single coat. Composing paint schemes for floors with excellent chemical resistance, color retention and brightness. |
| <b>RECOMMENDED USES:</b>            | The product was developed for the quick cure and protection of floors in food industries, hospitals, laboratories, pulp and paper mills, chemical and petrochemical industries, sugar mills, alcohol distilleries and other industrial floors.  |
| <b>CERTIFICATIONS AND APPROVAL:</b> | This product, when supplied to comply with the RoHs Directive (Restriction of Certain Hazardous Substances) has the letter R in its description.<br><br>This product meets the Petrobras standard N2943, annex F - Anti-slip coating requirements.  |

| PACKAGING: | Component   | Content | Package | Unit of measurement |
|------------|-------------|---------|---------|---------------------|
|            | Component A | 2,88    | 3,6     | L                   |
|            | Component B | 0,72    | 0,9     | L                   |

|                         |                                  |  |                    |                    |
|-------------------------|----------------------------------|--|--------------------|--------------------|
| <b>CHARACTERISTICS:</b> | <b>Color:</b>                    | White, and colors (on request)   |                    |                    |
|                         | <b>Gloss:</b>                    | Semigloss  | 60 – 80 UB         |                    |
|                         | <b>Aspect:</b>                   | Non-slip.  |                    |                    |
|                         | <b>VOC content:</b>              | 15 g/l   |                    |                    |
|                         | <b>Volume solid:</b>             | 95 ± 3% (ISO 3233).  |                    |                    |
|                         | <b>Shelf-Life:</b>               | 24 months  |                    |                    |
|                         | <b>Thickness per coat (dry):</b> | 300 µm – 500 µm  |                    |                    |
|                         | <b>Theoretical coverage:</b>     | 2,37 m <sup>2</sup> /l without dilution in the thickness of 400 µm dry. Without considering loss factors in application. |                    |                    |
|                         | <b>Drying:</b>                   |  |                    |                    |
|                         |                                  | <b>10°C (50°F)</b>   | <b>25°C (77°F)</b> | <b>35°C (95°F)</b> |
|                         | <b>Touch:</b>                    | 90 minutes   | 40 minutes         | 30 minutes         |
|                         | <b>Handling:</b>                 | 5 hours  | 3 hours            | 2 hours            |
|                         | <b>Final:</b>                    | 168 hours  | 168 hours          | 168 hours          |
|                         | <b>Overcoating Drying:</b>       |  |                    |                    |
|                         |                                  | <b>10°C (50°F)</b>   | <b>15°C (59°F)</b> | <b>25°C (77°F)</b> |
|                         | Min                              | 5 hours  | 3 hours            | 2 hours            |
|                         | Max                              | 12 hours   | 10 hours           | 8 hours            |

|                            |  |
|----------------------------|--|
| <b>SURFACE PREPARATION</b> | The performance of this product depends on the degree of surface preparation.<br><br>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.<br><br><b>Application over primer</b><br>If there is a shop primer on the surface to be applied, this surface must be prepared by cleaning with a standard abrasive jet Sa 2 ½.<br>The product can be directly applied to a specific primer in order to form a suitable coating system.<br><br>It is recommended to use the W-POXI GFD 362, as approved in compliance with Petrobras standard N2943, annex F.<br><br><b>NOTE:</b> 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.

### New buildings

The primer surface should be clean, dry and free of any contaminants, and the topcoat should be applied within the specific primer overcoating interval (refer to the primer data sheet).

### Concrete Surface Treatment

Before starting painting, all masonry or concrete must be free of cracks, wells and perfectly adhered to the base or other layers of mortar and coating.

No type of coating or painting must be applied, without the concrete (or subfloor of sand and cement mortar) being totally dry and cured for at least 28 days in normal climatic condition.

They must be removed from the mold release surfaces, cement cream, grease stains, oil, grease or any other contaminations that have penetrated or been deposited on the surface to be painted in addition to any dust that has accumulated.

For further information, consult WEG Technical Department.

## PREPARATION FOR APPLICATION

### Mixture

Homogenize the contents of the components with a spatula. Ensure that no pigments are settled at the bottom of the package. Add component B to component A, observing the mixing ratio. Mix thoroughly with the spatula.

### Mixing ratio (Volume)

4 A X 1 B.

### Diluent

Not applicable

### Pot life of the mixture (25°C) (77°F)

15 min

In hot areas, we recommend consulting WEG Technical Department.

## 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.

Before application, check if the equipment and its components are clean and in best condition.

After mixing two-component products, if there are stops in the application, and pot life is exceeded (the coating shows variation in fluidity) it can no longer be diluted for further application.

### Brush:

Only recommended for touch up small areas or stripe coat (screws, nuts, weld and sharp edges). Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm for touch up. For application with brush and/or roller, two or more passes may be necessary to obtain a uniform layer according to the recommended film thickness per coat.

### Roller:

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

### Cleaning the equipment:

Not applicable

For cleaning use Epoxy Diluent 3005.

Do not leave catalyzed product in contact with the equipment used in the application, because the coating will vary in fluidity at temperatures above specified in the pot life and will cure faster, making the cleaning difficult.

Clean all equipment immediately after use.

## NOTE:

## PERFORMANCE IN THE APPLICATION

For a good performance of the product, we recommend following the directions below:

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

Product not recommended for painting the interior of tanks

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.

Do not apply the product after the pot life has expired.

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 - 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.

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.