



# EUROPEA DE PINTURAS ESPECIALES, S.L.

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## EPOXI S – D 2505

### EPOXY COATING HIGH THICKNESS, SOLVENT FREE.

#### PRODUCT DESCRIPTION:

- **DEFINITION:** Epoxy coating based on 2 components without solvent. It can be applied to high film thickness in a single layer, using the appropriate application equipment.
- **USE:** For coating substrates such as iron, concrete, mortar, food processing plants with floors and walls flat. For the interior coating of tanks and reservoirs that should contain products intended for foods (water, oils, syrups, milk, wine, spirits 50% alcohol content, etc.). For the interior coating of tanks and reservoirs that should contain sewage or chemicals (see the resistance in each case).
- **PROPERTIES:** Excellent chemical resistance, mechanical and strong abrasion. Very hard and steadfast, highly resistant to abrasion, as well as a large number of chemical products: fresh water and sea water, neutral aqueous solutions, acidic or slightly alkaline, solvents, oils, and urban and industrial waste water, etc.

#### TECHNICAL INFORMATION

Aspect.....GLOSS  
 Color.....WHITE AND STRONG TONES  
 Lifetime mixing.....1/2 HOUR AT 20 °C  
 Density.....S/COLOR 1.2 – 1.3 Kg/Lt  
 Viscosity.....THICK  
 Volume solids.....100 %  
 Proportion and  
 Lifetime mixing.....1/1 WEIGHT 6/5 VOL. / 15 MIN.  
 Recommended thickness.....MINIMUM OF 2 COATS 500  
 MICRONS EACH.  
 Theoretical performance.....1 M<sup>2</sup>/Lt 0.8 M<sup>2</sup>/Kg  
 Drying 20 °C/70% RH  
 Touch.....6 HOURS  
 Repaint .....1 DAY MIN. – MAX. 3 DAYS  
 "Q " VALUE.....10 %  
 Minimum curing.....8 DAYS AT 20 °C  
 (Should not be applied at temperatures below 12 °C of substrate).

#### APPLICATION INSTRUCTIONS:

- **Method**  
 With special roller or spatula. If during the application bubbles are emerging shall be removed with a roll of barbed on wet film.  
 To achieve high densities and simultaneously achieve a uniform film and the proper finish, the product should be applied with airless equipment with dual reboiler and nozzle mixture, type "Graco Hydra-Cat" or similar. When the application is hot made, it can be obtained thicknesses greater than 300 microns.
- **Dilution**  
 At use, do not use any solvent for dilution.
- **Cleaning**  
 After use, clean all equipment with our Epoxy Solvent.
- **Storage**  
 One year with temperatures above 10 °C.
- **Repainting interval**  
 Minimum 8 hours at 20 °C.  
 Maximum: 24 hours at 20 °C.  
 The best time to repaint is when the surface is dry but still sticky.  
 Nozzle diameter: For equipment without air 0.025 minimum.  
 Nozzle pressure: Minimum 250 bar.

#### SURFACES PREPARATION:

The surface must be dry and free of any contamination (grease, dust, dirt, etc.). In case of iron or steel, we recommend a manual cleaning, mechanical or blasting SA 2 ½, and prime with our primer 2 components epoxy shop-primer. In case of flat floor apply our EPOXY SEALER. The support should be at a temperature not less than 11 °C.

#### HYGIENE AND SECURITY:

- May cause sensitization by skin contact.
- Eyes and skin irritating.
- Toxic to aquatic organisms.
- Keep out of children's reach.
- Do not breathe vapors or aerosols.
- Wear suitable gloves.
- If swallowed, seek medical advice immediately and show the container or label.
- Use only in well ventilated areas.
- Avoid contact with eyes and skin.

#### Comments

- \* When performance practical calculation take place it is necessary to be considered product losses by surface irregularities and application system.
- \* Because all Epoxy system have a tendency to yellowing due to ultraviolet rays, has to take this point into consideration when choosing the color, which is why we recommend always strong tones and not clear tones.
- \* Our Technical Department will be pleased to answer as many as questions that you are planning to ask.

Our technical service is at your disposal for further information in this booklet as well as to advise on special treatments, systems, process and the best products, according to the surface, environments and needs they wish to cover.

In this sheet, we just trying to inform and advice to our best knowledge, based on experience and research. We cannot be responsible for the consequences of using this product when application conditions and circumstances fall out of our reach and control.