

LACKPOXI 76 WET SURFACE

PRODUCT DESCRIPTION: High thickness epoxy polyamine primer, intermediate and top coat, solvent free, formulated with non-toxic anticorrosive pigments to steel surfaces. Product developed to apply on dry, humid and hydroblasting, prepared by dry and humid abrasive blasting. The product complies with Petrobrás N 2680 Standard.

INTENDED USES: **Boats, Marine structures and offshore:** Ballast and fuel tanks, decks, petroleum exploration and natural gas platforms, broadside machinery, pipeline. **Industrial Applications:** Bridges, metallic structures and several machineries. **Piping line:** May be applied inner or out of piping lines.

PRODUCT INFORMATIONS:

Color: **Primer:**
 Lackpoxi 76 Wet Surface Primer Red Oxide – 10003820 (15 L)
 Lackpoxi 76 Wet Surface Primer Red Oxide – 10003821 (2,7 L)
 Lackpoxi 76 Wet Surface Primer Gray – 10003822 (15 L)
 Lackpoxi 76 Wet Surface Primer Gray – 10003823 (2,7 L)
Top Coat: Lackpoxi 76 Wet Surface Top Coat
Cores: Ral, Munsell or according to the customer standard.

Component B: Lackpoxi 76 Wet Surface Component B – 10003829 (0,9 L)
 Lackpoxi 76 Wet Surface Component B – 10003830 (5 L)
 Lackpoxi 76 Wet Surface Component B – 10857923 (0,9 L) **Winter**
 Lackpoxi 76 Wet Surface Component B – 10857966 (5 L) **Winter**

Finish/ Sheen: Glossy
Original Viscosity: 100 ± 10 UK
Mix Ratio: 3A X 1B in volume
Pot-Life: 3 hours at 25°C
Flash Point: > 55°C
Validity Term: 12 months
Method of Application: Airless Spray, Paintbrush and Roller.
Typical Film Thickness: 150 micrometers in dry coat.
Theoretical Coverage: 6,60 m²/liters with 150 micrometers of thick in dry coat (considering theoretical volume solids of 100%). For consume calculation, verify the note for used coverage in Application Procedures.

Drying Information: Lackpoxi 76 Wet Surface Component B

	5°C	10°C	15°C	20°C	25°C	30°C	40°C
Touch Drying Time:	-	-	14 h	9 h	6 h	5 h	4 h
Handle Drying Time	-	-	30 h	20 h	16 h	15 h	12 h
Final:	-	-	10 days	8 days	7 days	7 days	7 days
Pot-Life:	-	-	5 h	4 h	3 h	2 h	90 min.
Overcoating Data:	5°C	10°C	15°C	20°C	25°C	30°C	40°C
Min.	-	-	20 h	18 h	12 h	12 h	8 h
Max.	-	-	5 days	5 days	5 days	5 days	5 days

Drying Information: Lackpoxi 76 Wet Surface Component B Winter

	5°C	10°C	15°C	20°C	25°C	30°C	40°C
Touch Drying Time:	48 h	24 h	12 h	6 h	3 h	90 min.	45 min.
Handle Drying Time	72 h	48 h	24 h	16 h	12 h	8 h	6 h
Final:	15 days	12 days	10 days	7 days	7 days	7 days	7 days
Pot-Life:	8 h	6 h	4 h	2 h	90 min.	45 min.	15 min.
Overcoating Data:	5°C	10°C	15°C	20°C	25°C	30°C	40°C
Min.	72 h	36 h	16 h	16 h	10 h	10 h	10 h
Max.	12 days	8 days	5 days	5 days	5 days	5 days	5 days

APPLICATION:

Dilution:	The dilution is not necessary.
Airless Spray:	Nozzle opening: 0,017” – 0,023” Use Airless 60:1 Fluid Pressure: 2700 - 3000p.s.i Hose: 3/8 of internal diameter Filter: 60 mesh
Brush	Recommended only for retouch or Strip coat. Multiple coats may be required to achieve specified film thickness.
Roller:	Use sheep wool roller or synthetic wool roller suitable for epoxy painting. Multiple coats may be required to achieve specified film thickness.
Equipment Cleaning-up:	Use the WEG Epoxy Diluent 3005. Do not take material in the hoses, sprays, and equipments used to spraying. Clean completely all used equipment.
Observation:	Due to application possibility in adverse conditions as relative air humidity above 85% or condensed surfaces, the gloss and the color may suffer small alterations.

SURFACE PREPARATION:

Abrasive blasting to nearly white metal. Standard SSPC SP 10 Visual Standard 515 05.5900 Sa2½. Indicated Rugosity Profile: 40 – 85 micrometers.
Acceptable mechanical cleaning Standard SSPC SP – 3. Visual Standard St3 - Norm ISO 8501-1. Hydroblasting type DW2 Norm STG 2222.

Note: If the maximum interval indicated for the next coat application is exceeded, proceed with a hydroblasting type DW 1 Standard STG 2222 or a surface manual/mechanical polishing using sandpaper 40 – 60 to break the gloss. This procedure is required in order to get adhesion between coats.

APPLICATION PROCEDURES:

Additional Advantages: Independently of the type of surface preparation, the humidity tolerance of Lackpoxi 76 Wet Surface allows a surface washing with clean water immediately before coating, warranting the reduction of the percentages of salts that are present. This way, it is possible to reach the non-visual standard SC2 (NACE 5 / SSPC-SP12). The tolerance of the oxides of Lackpoxi 76 Wet Surface allows the coating application even over a considerably flash rusted surface (equivalent to M degree as described at SSPC VIS4(I) / NACE N°7 Norm).

Avoid application of this product on a surface with running or stagnant water, as well as under direct impact of rain during the application or it cures.

Recoating over paints in good condition: The solvent absence of Lackpoxi 76 Wet Surface increases the compatibility with prior coatings. However we advised to test the contact of the Lackpoxi 76 Wet Surface with the previous coating in a small test area. It should be guaranteed that the original material is very adherent. Non adherent coating should be removed. It is acceptable to run over surface preparation standards less demanding, since the absence of pollutants is guaranteed and the stripping is complemented with high pressure water cleaning (consult our technical services to evaluate the alternatives of surface preparation adapted for each case). The corrosion points should be treated accordingly above discriminated. It is not released the correct wash and degreased cleaning of the surface and the sandpapering of old coatings whenever necessary to promote the adherence.

Do not apply this product after the mixture pot life has been exceeded.

Note: According to the differential cure of Lackpoxi 76 Wet Surface Primer/ Top Coat, the theoretical consume calculation must be corrected for 6,0 m²/l with 150 micrometers of thickness in dry coat. These values are based on tests proceeded in the Coatings WEG Technical Laboratory. Must be considering loss factors from conditions and application methods for determination of practical coverage in each situation, work.

**SAFETY
PRECAUTIONS:**

Personal Protection Equipment, for further information, consult the Material Safety Data Sheet (MSDS) of the product.
Handling, dilution and the use of paints during the painting and drying process shall be carried out far away from flames, sparks or excessive heat and in ventilated rooms since they are flammable products.
Contact with the skin may cause irritations.
If swallowed, do not provoke vomit. In case of eye contact, rinse the eyes under running water. In any case, seek immediate medical attention.
Do not smoke in the working area.
Make sure that electric installations are perfect and that they will not release sparks.
Do not wash the skin, hands or other parts of the body with solvents or thinners. Wash your hands first with alcohol and then wash them with running water and cleaning pastes. Use a skin restoring protective cream.
In case of fire, use CO₂ or chemical fire extinguishers. Water is not recommended to extinguish the flames caused by the burning of paints.
Paints and thinners shall be stored in ventilated rooms and protected against inclemency. The storage temperature may vary from 10 to 40°C.
If intoxication symptoms are caused due to inhalation of solvent vapors, remove the person immediately from the working area and bring him to a ventilated room.
In case of unconsciousness, call for a doctor right away.

IMPORTANT NOTE:

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