

404 LANKOCOAT RESIST

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PRODUCT FEATURES

- ▶ Thixotropic formula

DESCRIPTION

- **404 LANKOCOAT RESIST** is a dual-component, solvent-free epoxy resin used as a coating applied to primer for the interior protection of civil engineering structures built to contain water and subject to attacks from harmful effluents.

INSTRUCTIONS

- Please refer to specifications document for **LANKOCOAT RESIST**.

USES

- Anti-corrosion coating for the interior protection of tanks and reservoirs used for storing fresh water (non-drinkable), sea water, waste water and petrol-based products.
- Can be used as a waterproof coating (non-reinforced) or watertight coating (reinforced).

SPECIFICATIONS

- **Dual-component resin**
- **Mixture colour:** light grey
- **Dry film appearance:** glossy
- **Density at + 23°C:** 1.2 g/ml approx.
- **Dry extract:** 100%
- **Component A flash point:** > 100°C
- **Component B flash point:** > 100°C

Dosage ratio	Volume	Weight
Epoxy resin (R)	64%	70%
Hardener (D)	36%	30%

- **Maturation time:** none
- **Pot life:**
 - 30 min at + 20°C
 - 15 min at + 30°C
 - 7 min at + 40°C
- **Drying time**

Temperatures	+ 10°C	+ 20°C	+ 40°C
Dust-free	10 h	4 h	1 h 30
Hard-dry	48 h	8 h	4 h
Full (a)	10 days	7 days	5 days

- **Time to allow before covering (coat on coat) at 20°C:** 24 hours minimum, 14 days maximum
- **Clean equipment with:** 725 LANKODILPOX

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PACKAGING

- ▶ 10 kg kit comprising two containers (i.e. resin & hardener)

STORAGE

▶ 12 months

from date of manufacture if stored in dry, ventilated conditions, within a temperature range of + 5°C to + 35°C, in unopened original packing

WARRANTY

- ▶ Manufacturer's liability

Final coating properties

Physical and mechanical properties	Standard	Results
Electric non-porosity at + 20°C below 8V/µm	EN 10289	No porosity
Traction adherence at + 20°C	ISO 4624	≥ 15 MPa
Cross adherence at + 20°C	EN 10289	Classe 1
Shore D hardness at + 20°C	ISO 868	≥ 70
Buchholz hardness at + 20°C	ISO 2815	≥ 90
Impact resistance	ISO 6272	~ 5 Nm
Elongation at breaking point at + 20°C	ISO 1184	~ 7%
Strain at breaking point at + 20°C	ISO 1184	~ 15 N/mm ²
Examples of chemical resistance		
Cathodic exfoliation after 28 days at + 23°C	EN10289	≤ 6 mm
Water resistance at + 50°C	ISO 2812-2	No change
Salt spray resistance after 2000 hrs	NF EN ISO 9227	No change
Sulphuric acid resistance at Ph ≥ 2 at + 20°C	ISO 2812-1	No change
Soda solution resistance at Ph ≤ 13 à + 20°C	ISO 2812-1	No change
Crude oil resistance up to + 90°C	ISO 2812-1	No change
Xylene resistance at + 20°C	ISO 2812-1	No change
Petrol resistance at + 20°C	ISO 2812-1	No change
Lead-free petrol resistance at + 20°C	ISO 2812-1	No change
Methanol resistance up to 15% concentration at + 20°C	ISO 2812-1	No change
Industrial ethanol resistance + 20°C	ISO 2812-1	No change
E85 (Ethanol 85% / Lead-free petrol 15%) at + 20°C	ISO 2812-1	No change
Resistance to mixture of Ethanol 15% / Lead-free petrol 85% at + 20°C	ISO 2812-1	No change
AdBlue resistance at + 20°C	ISO 2812-1	No change
ED95 (Ethanol 95% / misc. additives 5%) at + 20°C	ISO 2812-1	No change
Resistance to mixture of Ethanol 95% / Lead-free petrol 5% at + 20°C	ISO 2812-1	No change
E70 (Ethanol 70% / Lead-free petrol 30%) at + 20°C	ISO 2812-1	No change
Diesel resistance at + 20°C	ISO 2812-1	No change
RME (Bio Diesel) resistance at + 20°C	ISO 2812-1	No change
FAME (vegetable oil) resistance at + 20°C	ISO 2812-1	No change
MTBE (methyl ter-butyl ether) at + 20°C	ISO 2812-1	No change
Aviation fuel resistance at + 20°C	ISO 2812-1	No change
Heavy fuel resistance up to + 85°C	ISO 2812-1	No change
Ferric chloride (40%) resistance		No change
Sodium hypochlorite (48%) resistance		No change
Resistance to H ₂ S in overlying gas at average concentration of 20 mg/m ³ , maximum 6000 mg/m ³		No change

TECHNICAL ASSISTANCE. ParexGroup S.A. will, on request, provide information and assistance to companies in relation to the specific use of a product. Such assistance shall not be assimilated with structural design and conception, nor the compliance of substrates, nor as a control of usage rules in force.

TECHNICAL DATA SHEET ISSUED - September 2017

The information provided in this document results from our knowledge of the products and our experience. Prior to application, customers and users are requested to check that they are in possession of the latest version of this document. Please check for updates at www.parexlanko.com

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PRECAUTIONS

- Please refer to specifications document for LANKOCOAT RESIST.
- Suitable PPE must be worn.
- Refer to the Safety Data Sheet.