



### PRODUCT FEATURES

- ▶ Compliant with Principle 11, method 11.3 («applying inhibitors to concrete») of Standard EN 1504-9
- ▶ Excellent protection of steel rebars against corrosion
- ▶ Rapid penetration into concrete

### CONSUMPTION

- ▶ 200 g per coat, i.e. 0.6 to 0.8 litre per m<sup>2</sup>

### REFERENCE DOCUMENT

- ▶ Application specifications document

### PACKAGING

- ▶ 20 litre container
- ▶ 215 litre barrel

### STORAGE

- ▶ **12 months** from date of manufacture if stored in unopened original packing in dry, frost-free conditions

### WARRANTY

- ▶ Manufacturer's liability

**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](http://www.parexlanko.com)

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# PAREXLANKO

# 761 LANKOSTEEL

### DESCRIPTION

- **761 LANKOSTEEL** is a corrosion inhibitor which acts by impregnating the concrete to which it is applied. It offers a very high level of protection against steel corrosion and penetrates the concrete very rapidly.
- **761 LANKOSTEEL** protects steel against corrosion by provoking a chemical reaction on the surface of the steel rebars. It interrupts the electrolytic current thus resulting in a sharp reduction of corrosion. It is totally environment-friendly and does not form a barrier to water vapour.

### USES

#### ■ TREATMENT

- All types of concrete: reinforced, in-situ, precast, prestressed.
- Carbonated concrete with corroded steel rebars.
- Concrete with insufficiently coated steel rebars.

### SPECIFICATIONS

- Colourless and odourless liquid
- Ready-to-use organo-mineral product (do not dilute)
- Chemical base: phosphate product in aqueous phase
- Density: 1.03
- pH: 7-9
- Viscosity at + 20°C: 11 mPa.s
- Non-flammable

### INSTRUCTIONS

#### ■ SUBSTRATE PREPARATION

##### Concrete

- The substrate must be free of all traces of oil, grease, laitance etc.
- Pick out cracked concrete and remove any non-adherent fragments in order to obtain a clean and sound surface.
- Remove any paint which may have been applied.
- Wash the surfaces to be treated with high pressure hot or cold water.
- Leave the substrate to dry.

### PRECAUTIONS

- Temperature range for use: + 5°C to + 35°C.
- Application reserved for concrete repair specialists.
- Stir the product prior to application
- Clean tools with water.
- **761 LANKOSTEEL** should be applied prior to performing concrete repairs.
- Do not apply to a frozen or thawing substrate.
- Store in frost-free conditions.
- Refer to the application specifications for **761 LANKOSTEEL**.
- Refer to the Safety Data Sheet.

### ■ PRODUCT APPLICATION

- Apply **761 LANKOSTEEL** with a low pressure spray, a roller or a brush, with a minimum of 3 or 4 consecutive strokes, depending on the porosity of the concrete.
- 24 hours after application, **761 LANKOSTEEL** will have completed the penetration process.
- Finish the treatment by rinsing the entire surface with clean water, including areas which may have been coated with the product (railings, windows, door frames, etc...).

### Concentration controls

- Controls must be carried out by an approved laboratory, using the core sampling technique (average of 1 sample for every 250 m<sup>2</sup>, with a minimum of 3 core samples).
- The minimum concentration of **761 LANKOSTEEL** is 0.001% of the weight of the concrete at the point at which its action is required (i.e. on steel).

### Compatibility

- **761 LANKOSTEEL** is compatible with all repair mortars from the **LANKOREP** range.
- These may be applied immediately after application of the inhibitor.
- **761 LANKOSTEEL** can be painted over (check the manufacturer's Technical Data Sheet).

MADE-TO-ORDER.  
PRODUCT RESERVED FOR USE BY COMPANIES  
SPECIALIZED IN CONCRETE REPAIRS AND  
APPROVED BY PAREX