

LANKO



CHARACTERISTICS

- **Applicable in 1-35 mm thickness.**
- **Thixotropic.**
- **Fast-setting.**
- **Smooth finish.**
- **Can be painted over 24 hours after application.**

DESCRIPTION

732 LANKOREP FACADE is a ready-to-use fibre-reinforced, non-shrinking mortar composed of sand and special cement.

USES

- Repairs to concrete facades, spalling, honeycombing.
- Concrete restructuring : balconies, terraces, walls, overhangs, cornices

SPECIFICATIONS

- Appearance : Grey ready-to-wet powder
Active ingredients including hydraulic binders and synthetic fibres, Chloride free.
- Particle size : 0 - 0.4 mm.
- ½ Abrams slump cone measurement : 1 cm
- pH mortar : 12.5

Setting time* +25°C

Initial	1 h 27
Final	4 h 40

Bond strength by slant shear test : ASTM C882*

1 days	6.0 MPa
7 days	7.0 MPa
14 days	8.8 MPa
28 days	9.5 MPa

Compressive strength : ASTM C109*

1 days	15 MPa
7 days	26 MPa
14 days	32 MPa
28 days	36 MPa

Tensile bending strength (MPa)*

Period	1 day	7 days	28 days
Value	1.5	3.5	5

Bonding strength at 28 days*

Tensile bonding in accordance with the following standard P 18-858 "Tensile bonding on rough concrete"

Bonding value : more than 1.5 MPa

* Average laboratory values provided as a general guide



PACKAGING

- 5 kg container
- 25 kg bag

STORAGE

1 year from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

WORK INSTRUCTIONS

Substrate preparation

- Remove loose and damaged concrete and laitance using a point tool, chisel, or planing tool in order to obtain a clean, rough surface.
- Clear out concrete around corroded rebars in order to create space for inserting the product behind and around them.
- To passivate rebars :
 - apply 760 PASSIVANT ACIER,
 - or a slurry mix of 732 LANKOREP FACADE and 751 LANKOLATEX.
- The boundaries of the surface to be repaired must be clearly defined.
- The substrate must be free of all traces of grease and oil.
- Brush, scrape or sandblast corroded rebars in order to remove non-adherent rust.
- Dust off all surfaces to be repaired.
- Soak the substrate prior to application.

Product preparation

- The mortar is made by mixing 732 LANKOREP FACADE with potable water (5-5.75 litres of water per 25kg bag or 1-1.15 liters per 5kg bucket).
- Mix by hand with a trough and trowel, in a cement mixer or with an electric mixer.
- Mix for at least three minutes until evenly distributed.
- Workable life after mixing :
 - 30 minutes approx at 20°C.
 - 20 minutes approx at 30°C.
- No water must be added during application.

Application

- Apply a first batch of 732 LANKOREP FACADE with a trowel, pressing firmly to ensure bonding.
- Apply additional mortar to obtain the desired thickness.
- Trowel or float the repaired surface for a smooth finish.
- Can be painted over 24 hours after application with one of the following paint types :
 - thin film (acrylic, pliolite) - class D2
 - semi-thick coating - class D3
 - waterproofing systems - class I1 to I4, compliant with French DTU 42.1
 - mineral paint

Dosage /Yield

	5 kg	25 kg
732 LANKOREP FACADE		
Water	1.1 litres	5.5 litres
Workable mortar	2.6 litres	13 litres

PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- Do not apply to a frozen or thawing substrate.
- Apply only to clean, sound resistant substrates, free of loose material.
- Active cracks should be treated separately.
- Soak the substrate before application.
- After finishing, protect the mortar from drying out by applying 361 LANCURE or by dampening without soaking.
- Refer to the safety data sheet.