

533 UTAREP H 80 F



PRODUCT FEATURES

- ▶ Bonds fresh concrete to hardened concrete
- ▶ Excellent bonding on dry and slightly damp surfaces
- ▶ Non-shrinking
- ▶ Certified compliance with Standards EN 1504-4 and EN 1504-3

CONSUMPTION

- ▶ 0.4–0.6 kg/m² depending on substrate porosity

REFERENCE DOCUMENTS

- ▶ CEBTP test report n°04/B142-7-425 «Compression & Shearing»
- ▶ CE Performance Statement

PACKAGING

- ▶ 1 kg kit
- ▶ 5 kg kit

STORAGE

- ▶ **24 months** from date of manufacture if stored in unopened original packing in dry, frost-free conditions and protected from high temperatures

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.

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PAREXLANKO

DESCRIPTION

- Fluid, grey, epoxy resin-based adhesive constituted by 2 pre-measured components mixed together immediately prior to use.

USES

- Bonding fresh concrete to hardened concrete.
- Bonding of floating screed.
- Primer coat for **720 LANKOREP EPOXY**.
- Treatment of passive cracks
- Resin mortar binder
- Rebar passivation
- Construction joint, compatible interface for laying screed or rendering floors.
- Compatible with metal substrates and sanded PVC substrates.

SPECIFICATIONS

- **Fluid, solvent-free product**
- **Resin colour:** grey
- **Hardener colour:** amber
- **Mixture colour:** grey
- **Resin/hardener ratio:** 73/27 by volume
- **Mixture density at + 23°C:** 1.5
- **Final polymerization:** 72 hours at + 20°C
- **Pot life:** 26 min at + 23°C
- **Compressive strength:** 63 ± 10 MPa (EN 12190)
- **Modulus of elasticity:** 4 000 MPa (EN 13412)
- **Shearing strength:** 19 ± 3 MPa (EN 12615)
- **Glass transition temperature:** > + 40°C (EN 12614)

Bond strength (MPa) at 28 days (1) Concrete pull-off test

Substrate	Concrete
Value	3

(1) Average laboratory values provided as a general guide.

INSTRUCTIONS

■ SUBSTRATE PREPARATION

- The surfaces to be bonded must be sound and clean.
- All traces of laitance and loose particles must be brushed off or sanded.

■ PRODUCT PREPARATION

- The pre-measured components, i.e. resin and hardener must be machine-mixed on slow speed (200-300 r.p.m.) immediately prior to application.
- Continue mixing until a homogenous grey filament-free paste is obtained.

■ APPLICATION

- **533 UTAREP H 80 F** is applied using a roller, brush or airless gun.
- Bonding must be carried out when the adhesive becomes tacky, i.e. between 10 minutes and 1 hour after application at + 23°C.
- Create an interface by sprinkling dry, clean, coarse-grain sand onto the fresh coat of **533 UTAREP H 80 F** (maximum thickness 1 mm).
- Allow the resin to set prior to applying mortar screed or floor render.

PRECAUTIONS

- Temperature range for use: + 5°C to + 30°C.
- On heated flooring, please check and comply with the screed manufacturer's instructions.
- Refer to the Safety Data Sheet.