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PRODUCT FEATURES

- ▶ Single bonding: tiles up to 3 600 cm²
- ▶ Time-saving application
- ▶ Suitable for interior and exterior floors
- ▶ New & renovation work

WATER DOSAGE

- ▶ 5.5 to 6 litres

CONSUMPTION

- ▶ 4 to 7 kg/m² (see consumption table)

REFERENCE DOCUMENTS

- ▶ Compliant with Standard EN 12004
- ▶ QB certificate

DESCRIPTION

- Mortar adhesive specially suited for laying ceramic tiles of sizes up to 3 600 cm².
- With this adhesive, reduced porosity tiles can be bonded to new or old substrates and is particularly suitable for difficult tiling applications in category U4 P4S locations.
- It is also suitable for use as a 4-10 mm levelling coat, 12 to 24 hours before laying tiles.

USES

- Interior and exterior floors

■ SUITABLE SUBSTRATES AND COVERING MATERIALS

See table on next page

■ COMPATIBLE WITH THE FOLLOWING SYSTEMS

- 585 LANKOPHONIC ROULEAU*
- 586 LANKOPHONIC PLAK*
- 588 ENDUIT D'ÉTANCHÉITÉ**
- 596 PROLI COAT**

■ NOT SUITABLE FOR

- All metal-based substrates
- All kinds of heated flooring (electric radiant, water, reversible etc...)

SPECIFICATIONS

- **Appearance:** grey powder
- **Apparent powder density:** 1.6 ± 0.1
- **pH:** 12 ± 1
- **Composition:** hydraulic binder, plasticizing resin, mineral filler and admixtures

PERFORMANCE CHARACTERISTICS ⁽¹⁾

- **Open time:** 20 min approx.
- **Setting-up time:** 20 min approx.
- **Pot life:** 60 min
- **Return to service:**
 - normal traffic: 12 hrs after grouting
 - heavy traffic: 48 hrs after grouting
- **Initial bond strength at 3 days (MPa):** ≥ 1
- **Bond strength after water action (MPa):** ≥ 1
- **Bond strength after freeze/thaw cycle (MPa):** ≥ 1
- **Bond strength after heating (MPa):** ≥ 1
- **Temperature resistance range:** -20°C to +80°C

INSTRUCTIONS

- Please refer to building instructions in force (e.g. CPT and DTU in France) and CSTB renovation guidelines for details of specific regulations for product application.

■ SUBSTRATE PREPARATION

- Check flatness: 5 mm max. below 2 m ruler

New

- Substrates must be clean, sound, dust-free and free of all traces of oil, paint, plaster, laitance etc.
- Substrate must not be running with water, nor frozen.

Old

- Carry out a pre-check of the current covering material in order to ensure sound fixation.
- Remove blown tiles and poorly bonded plastic slabs.
- Replace missing elements or rectify flatness defects up to 10 mm with **552 PROLI FLUIDE**.
- Scrape or sand old varnish, chipped paint or glue finishes.
- De-sheen silk paint and enamel finishes. Vacuum up the resulting dust.
- Remove the glaze left by grease and cleaning products (wax, floor wax etc...) using a sodium-based washing solution.
- Rinse thoroughly and leave to dry.
- Sand and strip old «tomette» and terracotta tiles.

■ PRODUCT PREPARATION

- Mix one 25 kg bag of **552 PROLI FLUIDE** with 5.5 to 6 litres of clean water (i.e. 22-24% water content) until evenly distributed.
- Use a slow-speed electric mixer.
- Remix just before use.

■ APPLICATION

- Spread the adhesive mortar with a trowel or float over a surface of between 1 m² and 2 m². Use an adequate notched spreader to level the thickness.
- Tamp down the tile with a mallet to ensure optimum bonding.

■ GROUTING

Drying time before grouting: 4 to 8 hrs approx.

The following products may be used

- **5040 PROLIJOINT PERFECT***
- **542 PROLIJOINT SOL***
- **5045 PROLIJOINT SOUPLE***
- **5046 ELIT***
- **547 PROLIJOINT RUSTIC***
- **548 PROLIPOX S***
- **PERFECT COLOR***
- **550 - 551 PROLIJOINT RESIST***

552 PROLIFLUIDE

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FOR BEST RESULTS

- ▶ Prepare the substrate well: must be clean, sound and dust-free.
- ▶ Do not apply in full sunlight or strong winds.

PACKAGING

- ▶ 25 kg bag
- ▶ Pallet containing 48 x 25 kg bags (1 200 kg)

STORAGE

- ▶ **12 months** from date of manufacture if stored in unopened original packaging in dry conditions

WARRANTY

- ▶ Manufacturer's liability

Suitable substrates and covering materials

		MAXIMUM SURFACE IN CM ²		
		Terracotta	Stoneware	Natural stone
INTERIOR FLOORS (a)	SUBSTRATES (b)			
	• Concrete slab	• P4 premises without floor drainage	3 600	2 200 (d)
		• P4S premises without floor drainage		400
		• P4 & P4S premises with gutter or floor drainage + liquid waterproofing system (SEL)		
	• Paving slabs on earth platform	900	3 600	3 600
	• Concrete flooring (3)			
	• Flagstones or screed on insulating and soundproofing material			
	• P3 levelling mortar			
	• Fluid anhydrite screed (e)			
	• Self-levelling cement screed			
• Asphalt screed type A11				
• Existing tiles - Granito	900	2 200	2 200	
• Sanded paint				
• Rigid plastic tiles				
• Non-redispersible adhesive traces	900	1 200	1 200	
• Dry screed				
• Lightweight floors or screed (d ≥ 0.65)				
• Wood panels (CTB-H/CTB-X/OSB3)	900	3 600	3 600	
• Bonded mosaic flooring				
• Approved PU liquid waterproofing system	900	3 600	3 600	
EXTERIOR FLOORS (f)	• Paving slabs on earth platform	900	2 200	3 600
	• Concrete flooring, concrete slabs, cement screed			
	• Levelling mortar			
• Approved PU liquid waterproofing system	900	2 200	3 600	

(a) For premises classification and primer choice, please refer to the selection guide - (b) Please refer to documents for standards in force (CPT, DTU) - (c) Slenderness below 15 - (d) On crawl space and unheated premises, a C2 S mortar adhesive should be used - (e) On fluid anhydrite screed, please use prime with **124 PROLI PRIM** or **165 PROLI PRIM UNIVERSEL** before applying **552 PROLI FLUIDE** mortar adhesive - (f) With a slope ≥ 1.5 cm/m and pressed or drawn tiles with a porosity of ≤ 3%.

Mortar application method and consumption guidelines (approximate powder weight per m²)

Tile size (cm ²)	120 < S ≤ 1 200	1 200 < S ≤ 2 200	2 200 < S ≤ 3 600
INTERIOR FLOORS	4 kg/m ² (U9)	5 kg/m ² (DLø20' ou E10)	6 kg/m ² (DLø20' ou E10)
EXTERIOR FLOORS	5 kg/m ² (DLø20' ou E10)	6 kg/m ² (DLø20' ou E10)	7 kg/m ² (DLø20' ou E10) natural stone only

SINGLE BONDING

p = porosity %

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

- Temperature range for use: 5°C to 30°C.
- Refer to the Safety Data Sheet before use.