

- FLEXIBLE TILE & BRICK SLIP ADHESIVE FOR FLOORS & WALLS



### PRODUCT FEATURES

- ▶ Suitable for large format tiles up to 10 000 cm<sup>2</sup>
- ▶ Fibre-modified: crack-resistant
- ▶ Ideal for thin tiles and brick slips
- ▶ Single part adhesive
- ▶ Versatile, suitable for showers and swimming pools

### WATER DOSAGE

- ▶ 6 to 6.5 litres

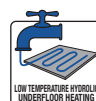
### CONSUMPTION

- ▶ 1.5 to 8 kg/m<sup>2</sup> (see consumption table)
- ▶ Approx 3 - 16m<sup>2</sup> per 25kg bag

### REFERENCE DOCUMENTS

- ▶ Compliant with Standard EN 12004
- ▶ QB certificate

# 572 PROLIFLEX HP



### DESCRIPTION

- Fibre modified adhesive for floor and wall applications for bonding ceramic, porcelain, natural stone etc. tiles, brick slips and Parex Profiles. Versatility of the product means it can be used in a wide range of applications including heated floors, facades, swimming pools, balconies etc.
- The excellent adhesion and flexible properties of **572 PROLIFLEX HP** make it suitable for bonding all types and all sizes of tiles (up to 10 000 cm<sup>2</sup>) brick slips, to new and old substrates.
- Thanks to its permanent flexibility **572 PROLIFLEX HP** is resistant to thermal shock.
- With its enhanced waterproofing capability **572 PROLIFLEX HP** is also ideal for bonding tiles to submerged walls e.g. in swimming pools, water tanks, water sport centres, balconies etc.

### USES

- Interior and exterior walls
- Interior and exterior floors

### SUITABLE SUBSTRATES AND COVERING MATERIALS

See table on next page

### COMPATIBLE WITH THE FOLLOWING SYSTEMS

- 588 ENDUIT D'ÉTANCHÉITÉ\*
- 596 PROLICAT\*

### UNSUITABLE SUBSTRATES

- Metal-base substrates
- Substrates less than 3mm thick

### TECHNICAL CHARACTERISTICS

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

### PERFORMANCE CHARACTERISTICS <sup>(1)</sup>

- **Open time:** 30 min approx.
- **Adjusting time:** 20 min approx.
- **Pot life:** 3 hours approx.
- **Return to service:** 24-48 hours approx.
- **Before immersion:** 7 days
- **Initial bond strength at 28 days (MPa):** ≥ 1
- **Bond strength after water action (MPa):** ≥ 1
- **Bond strength after freeze/thaw cycle (MPa):** ≥ 1
- **Bond strength after heating (MPa):** ≥ 1
- **Deformability (mm):** ≥ 2.5
- **Temperature resistance range:** -20°C to +80°C

### INSTRUCTIONS

Please ensure the application conforms to the relevant building regulations and applications details and building guidelines.

### SUBSTRATE PREPARATION

- Check the surface regularity flatness: below 2m max, 5mm max
  - 5 mm:  $S \leq 3\,600\text{ cm}^2$
  - 3 mm:  $3\,600\text{ cm}^2 < S \leq 10\,000\text{ cm}^2$
- For additional guidance, refer to the chart below which defines the deviation in height of the surface of a flooring layer over short distances in a local area in relation to suitable adhesive thicknesses

CLASS	MAXIMUM PERMISSIBLE DEVIATION FROM A 2m STRAIGHT EDGE (mm)	APPLICATION
SR1	3mm	Recommended for direct fixing of tiles and slabs with a tile adhesive
SR2	5mm	For tiles & slabs bedded in a cement:sand mortar or a suitable tile adhesive (as per Parex recommendations)
SR3	10mm	For tiles & slabs bedded in a cement:sand semi-dry mix.

### New

- All surfaces must be clean, suitably dry, sound, dust free and free from anything that may interfere with the adhesion of the material to be applied e.g. oil, paint, loose materials etc.
- Substrate must not be running with water, nor frozen.
- Dry concrete or mortar must be dampened several hours before laying tiles or apply a suction control coat or **MICRO GOBETIS 3000\***.

### Existing

- Carry out a pre-inspection of the existing surface material in order to ensure a sound bond is achieved.
- Strip all wax from wood flooring.
- Remove blown/cracked tiles and poorly bonded or loose vinyl tiles.
- Replace any missing tiles or rectify flatness defects up to 10 mm with **572 PROLIFLEX HP**.
- Scrape or sand old varnish, chipped paint or glue finishes.

\* Please refer to the product's Technical Data Sheet.

A full range of project specifications for different substrates and systems using Parex products are available through the NBS Scheme or directly from Parex Ltd.

Visit the Parex website for regular updates, a Pre-Render Inspection form or refer to the PAREX TECHNICAL INFORMATION SHEETS for additional guidance.

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- Sand all painted and enamel surfaces to create a fully roughed surface and brush, vacuum and clean away all resulting residue.
- 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.
- **Existing earthenware:** Sand and rake back to old adhesive.

### ■ PRODUCT PREPARATION

- Mix one 25 kg bag of 572 PROLIFLEX HP with 6 to 6.5 litres of clean water (i.e. 20-22% water content) until evenly distributed.
- Use a slow-speed electric mixer.

### ■ APPLICATION

- Spread the adhesive mortar with a trowel or float over a surface of between 1 m<sup>2</sup> and 2 m<sup>2</sup>. Use an adequate, (min; 8mm for wall and floor tiles and min; 10mm for brick slips applications), notched spreader to create an even coating across the tile or brick slip surface to create a level bonding thickness.
- For dual bonding, follow the above-mentioned instructions, after buttering the underside of the tile or brick slip.
- Tamp down the tile or brick slips using an appropriate rubber mallet to ensure optimum bonding.



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## FOR BEST RESULTS

- ▶ Ensure the substrate is correctly prepared: must be clean, sound and dust-free.
- ▶ Apply a suitable primer **163 OMNISOL** or **165 PROLIPRIM UNIVERSEL**.
- ▶ Do not apply in direct sunlight or strong winds.

## Suitable substrates and covering materials

	MAXIMUM SURFACE IN CM <sup>2</sup>								MAXIMUM WEIGHT	
	Glass paste Enamel	Brick slips	Terracotta tiles	Stoneware		Earthenware	Natural stone			
				p ≤ 0,5	p > 0,5		p ≤ 2	p > 2		
<b>INTERIOR WALLS (a) - H &lt; 6 m</b>	<b>SUBSTRATES (a)</b>									
	• Brick/Concrete/Concrete Block • Cement-based mortars • Terracotta tiles • Cellular concrete • Lightweight block • Existing tiles (on cement substrate)	120	230	900	3 600	3 600	3 600	3 600	3 600	40 kg/m <sup>2</sup>
	• Partition wall with terracotta tiles (cement based mortar)	120	230	900	3 600	2 200	2 200	2 200	2 200	
	• Partition wall with terracotta tiles (plaster based mortar) (b) • Plasterboard (waterproofed or not)	120	230	900	2 200	2 200	2 200	2 200	2 200	
	• Wood panels • Tile backer board • Cement particle board • External grade render boards	120	230	900	1 200	1 200	1 200	1 200	1 200	
• Concrete • Cement-base mortar H ≤ 6 m	120	230	900	2 200		2 200	3 600	40 kg/m <sup>2</sup>		
• Concrete • Cement-base mortar 6 m < H ≤ 28 m	120	230	300	2 200		2 200	2 200			
Existing tiles H ≤ 6 m	120	230	300	2 200		1 200	1 200			
External grade render boards	120	230	900	1 200		1 200	1 200			
<b>INTERIOR FLOORS</b>	• Concrete slabs on earth platform • Fluid anhydrite screed(d) with or without underfloor heating • Fluid or standard cement floor or screed on insulating material, with or without heated flooring • Heavy Duty levelling mortar	300		900	10 000	10 000		3 600	3 600	
	• Concrete floor above crawl space or unheated premises • Bonded slabs or screed above crawl space or unheated premises • Existing tiles - Granito • Sanded paintwork (c) • Semi-flexible tiles (c) • Non-redispersible adhesive • Asphalt screed • Electric radiant underfloor heating	300		900	3 600	3 600		3 600	3 600	
	• Lightweight floors or screed (d ≥ 0.65) • Dry screed	300		900	2 200	2 200		2 200	2 200	
	• Wood panels (OSB3) • Bonded mosaic wood flooring (c)	300		900	1 200	1 200		1 200	1 200	
	• Waterproofing membrane • Approved waterproofing system	300		900	3 600	3 600		2 200	2 200	
	• Concrete slabs on earth platform • Concrete floors • Paving or screed on insulating and soundproofing material • Heavy Duty levelling mortar • Existing tiles	300		900	2 200	2 200		3 600	3 600	
	• Cement mortar - Concrete • Waterproofing mortar • 588 ENDUIT D'ÉTANCHÉITÉ (liquid waterproofing system)	300			900					
				1 800						

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(a) Please refer to standards and building regulations in force - (b) Prime with **165 PROLIPRIM UNIVERSEL**\* - (c) On anhydrite screed apply 2 coats of **165 PROLIPRIM UNIVERSEL**\* allowing at least 30 min between coats. \* Refer to the specific product data sheets.

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## 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

## GROUTING

- Drying time before grouting:** 24 hrs approx.
- For tile sizes greater than 3 600 cm<sup>2</sup>, joints must be aligned and at least 5 mm wide.
  - Tiles that are certified UPEC option D (reduced dimensional characteristics) can be laid offset by of the longest side and/or with smaller joints (3 mm).

## The following products may be used

- **5045 PROLIJOINT SOUPLE\*** (recommended for heated flooring)
- **5046 ELIT\*** (recommended for heated flooring)
- **PERFECT COLOR\***
- **550 - 551 PROLIJOINT RESIST\***

## Mortar application trowel and consumption guidelines

(approximate powder weight per m<sup>2</sup> / coverage per 25kg bag)

Tile size (cm <sup>2</sup> )	≤50	50≤500	500≤2 200	2 200≤3 600				
<b>INTERIOR WALLS</b>	1.5kg/m <sup>2</sup> ; 16m <sup>2</sup> per 25kg bag (U3)	3kg/m <sup>2</sup> ; 8m <sup>2</sup> per 25kg bag (U6)	5kg/m <sup>2</sup> ; 5m <sup>2</sup> per 25kg bag (U9)	6kg/m <sup>2</sup> ; 4m <sup>2</sup> per 25kg bag (U9)				
Tile size (cm <sup>2</sup> )	≤50	50≤300	300≤1 200	1 200≤2 200	2 200≤3 600	3 600≤10 000		
<b>EXTERIOR WALLS</b>	3.5kg/m <sup>2</sup> ; 7m <sup>2</sup> per 25kg bag (U6)	5kg/m <sup>2</sup> ; 5m <sup>2</sup> per 25kg bag (U6)	6kg/m <sup>2</sup> ; 4m <sup>2</sup> per 25kg bag (U9)	7kg/m <sup>2</sup> ; 3.5m <sup>2</sup> per 25kg bag (U9)	8 kg/m <sup>2</sup> 3m <sup>2</sup> per 25kg bag (U9)			
Tile size (cm <sup>2</sup> )	≤50	50≤300	300≤500	500≤1 200		1 200≤2 200	2 200≤3 600	3 600≤10 000
<b>INTERIOR FLOORS</b>	1.5 kg/m <sup>2</sup> 16m <sup>2</sup> per 25kg bag (U3)	3kg/m <sup>2</sup> ; 8m <sup>2</sup> per 25kg bag (U6)	3.5kg/m <sup>2</sup> ; 7m <sup>2</sup> per 25kg bag (U9)	4 kg/m <sup>2</sup> 6m <sup>2</sup> per 25kg bag (U9) <small>ceramics p &gt; 0.5% natural stone p &gt; 2%</small>	5kg/m <sup>2</sup> ; 5m <sup>2</sup> per 25kg bag (U9) <small>ceramics p &gt; 0.5% natural stone p &gt; 2%</small>	6kg/m <sup>2</sup> ; 4m <sup>2</sup> per 25kg bag (U9 or DLø20 or E10)	7kg/m <sup>2</sup> ; 3.5m <sup>2</sup> per 25kg bag (DLø20 or E10)	8 kg/m <sup>2</sup> 3m <sup>2</sup> per 25kg bag (DLø20 or E10)
<b>EXTERIOR FLOORS</b>	1.5kg/m <sup>2</sup> ; 16m <sup>2</sup> per 25kg bag (U3)	4kg/m <sup>2</sup> ; 6m <sup>2</sup> per 25kg bag (U6)	5kg/m <sup>2</sup> ; 5m <sup>2</sup> per 25kg bag (U9)	6kg/m <sup>2</sup> ; 4m <sup>2</sup> per 25kg bag (U9)		7kg/m <sup>2</sup> ; 3.5m <sup>2</sup> per 25kg bag (DLø20 or E10)	8 kg/m <sup>2</sup> 3m <sup>2</sup> per 25kg bag (DLø20 or E10) <small>natural stone only</small>	

SINGLE BONDING

DUAL BONDING

NOT SUITABLE

U9 = Trowel tooth shape  
e.g. U groove 9x9x9mm

p = porosity %

**HEALTH AND SAFETY:** Wear suitable protective clothing, gloves and eye / face protection. This product contains materials which may cause an allergic reaction, is irritating to eyes and harmful if swallowed. In case of contact, seek medical advice. Keep out of the reach of children. Read and follow the guidelines in the Health and Safety data sheet for this product.

**TECHNICAL ASSISTANCE:** PAREX will, on request, provide information and assistance to companies in relation to the use of a specific product. Such assistance shall not be associated with structural and design conception, nor assume or accept liability for compliance of substrates, nor compliance to instructions provided.  
Technical Information  
**01827 711755**

Download the technical datasheet and consult the health and safety document on: [www.parex.co.uk](http://www.parex.co.uk)

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\* Please refer to the product's Technical Data Sheet.

## PRECAUTIONS

- Temperature range for use: 5°C to 30°C.
- Above 25°C, the waiting time before applying covering materials will be shorter.
- Refer to the Safety Data Sheet before use.