

751 LANKOLATEX

ADMIXTURE FOR KEY COAT PREPARATION TO ONE COAT RENDERS, BONDING AND WATERPROOFING FOR ALL RENDERS



DESCRIPTION

A white liquid admixture used for a range of key coat preparations, bonding and waterproofing coats and which significantly improves the performance of mortars and concrete.

BENEFITS

- Excellent adhesion of renders, mortars and concrete, even on smooth substrates.
- Waterproofs renders and mortars and improves resistance to oils, grease, fuel and dilute acids.
- Passivation of steel rebars.
- Lowers the modulus of elasticity and improves the resistance of mortar to tension, abrasion and impacts.
- Allows for the construction of structures intended to be in contact (even permanently) with water or sea water (using the appropriate cement).
- Limits shrinkage, crazing and chalking.
- Solid content: 50%.

TECHNICAL CHARACTERISTICS

- Appearance: milky white liquid.
- Density: 1.01 at 20°C.
- Dry extract: 50% ± 2%.
- Solubility: total in water.
- pH: 9.5 ± 0.5.

SUITABLE FOR

- Key coat for hydraulic coatings, screed and low absorption substrates.
- Cement-based coatings.
- To control suction on high absorption substrates such as lightweight aircrete blocks.
- Waterproof coatings for tanking, reservoirs, holding tanks and swimming pools.
- Bonding and waterproofing of render and plaster coatings.
- Bonding cement screeds without the need for existing surface preparation.
- Enhances screed for laying tiles.
- Coating, re-profiling or re-shaping mortar for patching areas such as damaged corners of concrete.
- Bonding mortar for repairing concrete (bridging mortar for construction joints).
- Mortar for fixing/bonding prefabricated elements.
- Pointing and filling mortar for voided masonry joints, chimney stacks or to form a mortar flashing.
- Repair of concrete floors.

PRECAUTIONS

- Shake well before use.
- Store product in frost-free conditions.
- If product is accidentally frozen, place at +20°C and after several hours, shake well to ensure the products contents are evenly distributed and mixed.
- Doses must conform with regulations in force for the relevant structures.
- Consult safety datasheet.

CONSUMPTION

This information is provided as guidance only, excludes wastage and will vary subject to the application and product it is mixed with.

Application	Uses	Indicative thickness in mm	Treatment of substrate	Compositions				Mixing solutions LANKO-LATEX/WATER	Indicative consumption g/m ² /mm	Observations
				Cement Kg	Sand Kg	Lime Kg	Plaster Kg			
Key coats for renders	Consult each respective render product data sheet for specific guidance information but as a simple guide allow 0.5 litres of 751 LANKOLATEX TO THE MIXING WATER VOLUME per each 30kg bag. Adding 751 LANKOLATEX will affect its pumping properties.									
Thin coating	Filling air pockets or fissures in concrete	0-5	wet	50	35	-	-	1/2	110	
		0-5	wet	50	75	-	-	1/2	110	
Repairs	Re-profiling Patch repairs	0-10	wet	50	75	-	-	1/2	50	
		>10	wet	50	75	-	-	1/2	50	
Cement coatings	Bonding base coat	0-5	wet	50	35	-	-	1/2	110	
		>3	-	50	75	-	-	1/2	50	
Fairing coat	Bonding base coat	0-5	wet	50	35	-	-	1/2	110	
		3-20	-	50	150	40	-	1/2	40	
Plaster coatings	Key coating	3-5	wet	-	50	-	25	1/4	60	
Screeds	Bonding base coat Sealing Antidust } Antiabrasion } Anticorrosion /repair	0-5	wet	50	35	-	-	1/2	110	Spray on the surface 2 parts sand and 1 part 242 LANKOFLOOR POUDRE
		>5	-	50	75	-	-	1/2	50	
		-	-	-	-	-	-	1/2	150 g/m ²	
		>20	-	50	75	-	-	1/2	50	
		Var.	wet	50	35	-	-	1/2	110	
Concrete repair	Bonding/repair	>20	wet	50	75	-	-	1/2	50	Place the repair mortar within one hour.
Water-proofing work	Liquid key/bonding coat or for use as a underground wall injection grout	0-2	wet	50	35	-	-	1/2	110	
		5-10	wet	50	75	-	-	1/2	50	
		-	wet	50	-	-	-	1/2	Variable	

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.

APPLICATION

SUBSTRATE PREPARATION

- Substrates must be clean, sound, dust free and free of any material which may prevent adhesion. Remove traces of oil, laitance, curing compounds, paint, etc.

KEY COAT

Ready to use renders

- For general guidance add 0.5 litres of 751 LANKOLATEX to the mixing water volume for a 30kg bag of render or as advised for the specific coating.
- On wet or wet patchy substrates or where different materials have been used it is advisable to apply a key coat made up by adding 0.5 litres of 751 LANKOLATEX to the mixing volume for a 30kg bag of render. Allow the key coat to fully dry a minimum of 48 hours before the application of the next coat. This suggestion will assist against the effect of 'block ghosting' and shade variation.
- Allow to harden before applying the next coat.

Traditional coatings

- Mix one part cement with one or two parts sand.
- Mix with the 751 LANKOLATEX as a diluted solution of 1:2 clean water, into a creamy consistency.
- Apply a firm key coat on to the dampened substrate and leave with a combed or stippled finish.
- Allow to harden before applying the base/body coat.

LIQUID KEY BONDING COATS

Screed and traditional concrete

- Mix one part cement with one or two parts sand.
- Mix with the 751 LANKOLATEX solution into a creamy consistency.
- Apply with a brush or broom on to the dampened substrate.
- Apply the concrete or screed on to this freshly applied liquid key coat.

Ready-to-use mortars

- 751 LANKOLATEX is used as a diluted solution of 1:3 clean water.
- 751 LANKOLATEX is used as a diluted solution of 2:3 clean water for creating a waterproof base coat.

PASSIVATION OF STEEL

- Mix the repair mortar 730 LANKOREP FIN* or 731 LANKOREP STRUCTURE* into a creamy consistency with pure 751 LANKOLATEX.
- Apply on to steel that has been pre-prepared with a broom or paintbrush.
- Apply the repair mortar on to the preparation whilst it is still fresh.

WATER-PROOFING, IMPROVING PERFORMANCE OF CONCRETES AND MORTARS

- Use 751 LANKOLATEX solution instead of water.

BONDING AND WATER-PROOFING OF PLASTERS

- 751 LANKOLATEX is used as a diluted solution made up of $\frac{1}{3}$ 751 LANKOLATEX and $\frac{2}{3}$ clean water.



PACKAGING

5 litre container.
20 litre container.

STORAGE

1 year from date of manufacture if stored in unopened original packing in frost-free conditions. Store away from high temperatures.

WARRANTY

Manufacturer's 10 year product indemnity including design when a Parex specification is issued. Subject to conditions.

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

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Download the technical datasheet and consult the health and safety document on: www.parex.co.uk