



BUILDING SOLUTIONS

**GUIDE TO OUR RANGE OF SPECIALIST
PRODUCTS & SYSTEMS FOR BUILDING
AND CONSTRUCTION PROJECTS**



FOREWORD

In the field of Building and Construction, good planning, preparation and execution are absolutely essential in ensuring the long-lasting sustainability of completed projects. Whether for foundation work, infrastructure or superstructure, a wide variety of applications, ever more technical in nature, require products that are totally fit for purpose.

Mould release agents, waterproofing and protection, levelling of concrete walls and floors, standard-compliant repair work, sealing of integrated elements, masonry assembly and weatherstripping of joints in prefabricated slabs and walls are just some examples of the fields of application for which Parexlanko products provide proven and recognized technical solutions to meet your requirements.

Whether you are a specialist design consultancy, a team of architects, a technical or maintenance service provider, a clerk of works, a building or masonry firm, a retailer or wholesaler of construction materials, this guide to our range of Building Solutions is just what you need.

You will find in the pages that follow the essential details of a wide range of products to satisfy the requirements of the most commonly-found applications in your line of work.

With more than 20 years' experience in the field of technical mortars for building applications, the trademark Parexlanko provides a guarantee of proven expertise and high-quality products that are widely used by building contractors in France and indeed all around the world.



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Who are we?

PAREXGROUP IN FRANCE

6 manufacturing plants

2 logistics platforms

PAREXLANKO
PARTNER FOR YOUR FINEST WORK
the ParexGroup trademark

Specialist in Facade protection and decoration, Tile setting and flooring materials, Waterproofing systems and Technical solutions for concrete and civil engineering for over **40 years**

1 R&D centre

1 training centre

650 employees

PAREXGROUP WORLDWIDE

A GLOBAL LEADER IN CONSTRUCTION CHEMICALS, SPECIALIST OF DRY MIX PROVIDING SOLUTIONS FOR THE BUILDING COMMUNITY

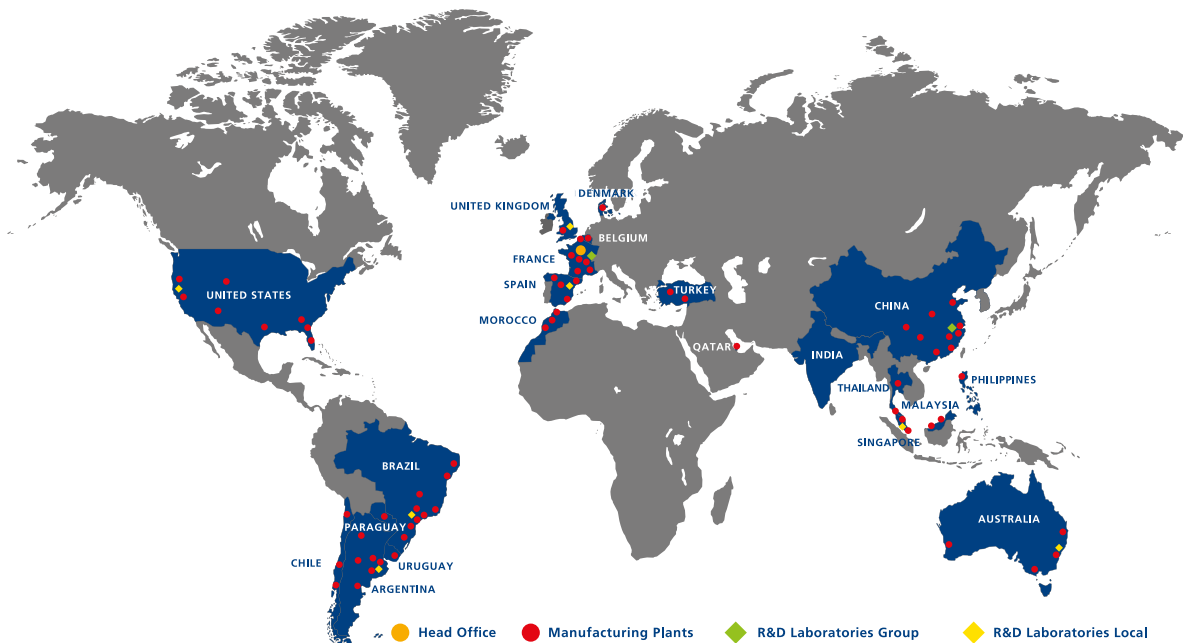
67 production sites

4,000 employees

2 R&D centres
7 application laboratories

SALES
69% generated at international level

Strong local brands



ParexGroup, provider of professional expertise in 3 key areas

FAÇADES

Waterproofing, insulation, protection and decoration... to effectively perform these four essential functions, façades have always been at the forefront of the preoccupations of architects, designers, manufacturers and users alike.

ParexGroup, via its Parexlanko trademark, offers a complete range of solutions for insulating, decorating or restoring the outside of buildings:

- one-coat renders, base coats and finish coats, draughtproofing barrier coatings,
- restoration coats, hydraulic lime renders, decorative mineral coatings and restoration mortar for preserving architectural heritage,
- External Thermal Insulation Systems,
- decorative organic coatings.



TILE SETTING AND FLOORING MATERIALS

ParexGroup develops a range of products specifically intended for tiling professionals, including good preparation of walls and floors and innovative solutions in the field of undertile insulation and waterproofing.

This specific Parexlanko range provides solutions for all kinds of structures, substrates and tile types:

- substrate preparation,
- mortar adhesives, paste adhesives,
- tile grout,
- undertile soundproofing and waterproofing,
- decorative adhesives.



WATERPROOFING SYSTEMS AND TECHNICAL SOLUTIONS

To meet the technical requirements and standards of the Building, Civil Engineering and Highway sectors, ParexGroup develops benchmark solutions for:

- new buildings: concrete admixtures, substrate preparation, assembly, bonding, jointing and sealing,
- restoration of old buildings and structures: repairs, anti-corrosion treatment, structural reinforcement,
- sealing and waterproofing of buildings and drinking water / waste water conveyance systems.



SERVICES

A SPECIALIZED SALES FORCE FOR EACH ACTIVITY

AND FOR EACH GEOGRAPHIC SECTOR



6 MANUFACTURING PLANTS PROVIDING OPTIMIZED NATIONWIDE COVERAGE

1 SAINT-AMAND-LES-EAUX 59

8 route de Lille
59230 St-Amand-les-Eaux Cedex
Fax +33 826 08 20 29

2 MALESHERBES 45

Z.I. avenue du Général Patton
45330 Malesherbes
Fax +33 826 08 20 28

3 ST-PIERRE-DE-CHANDIEU 38

48 route de Saint-Bonnet-de-Mure
69780 Saint-Pierre-de-Chandieu
Fax +33 826 08 20 24

4 ISLE-SUR-LA-SORGUE 84

Z.I. La Grande Marine
84800 Isle-sur-la-Sorgue
Fax +33 826 08 20 25

5 PAVIERS 37

Usine de Paviers
37220 Crouzilles
Fax +33 826 08 20 26

6 PORTET-SUR-GARONNE 31

2 bis avenue Gutenberg - BP 22804
31120 Portet-sur-Garonne
Fax +33 826 08 20 27

2 LOGISTICS PLATFORMS

■ BÈGLES 33

ParexGroup SA
84 avenue Jeanne d'Arc
33130 Bègles
Tel. +33 826 08 20 20
Fax +33 826 08 20 27
GPS coordinates:
Lat. 44.7967243
Long. -0.5412145999999893

■ LUDRES 54

ParexGroup S.A.
300 rue Antoine de Lavoisier
54710 Ludres
Tel. +33 826 08 20 20
Fax +33 826 27 20 22
GPS coordinates:
Lat. 48.61528
Long. 6.184215

5 SALES REGIONS IN FRANCE

PARIS-NORTH-EAST

Z.I. avenue du Général Patton
45330 Malesherbes
Tel. +33 2 38 34 55 90
Fax +33 2 38 34 55 91

SOUTH-WEST

2 bis avenue Gutenberg - BP 22804
31120 Portet-sur-Garonne
Tel. +33 5 61 31 71 00
Fax +33 5 62 20 02 66

RHÔNE-ALPES

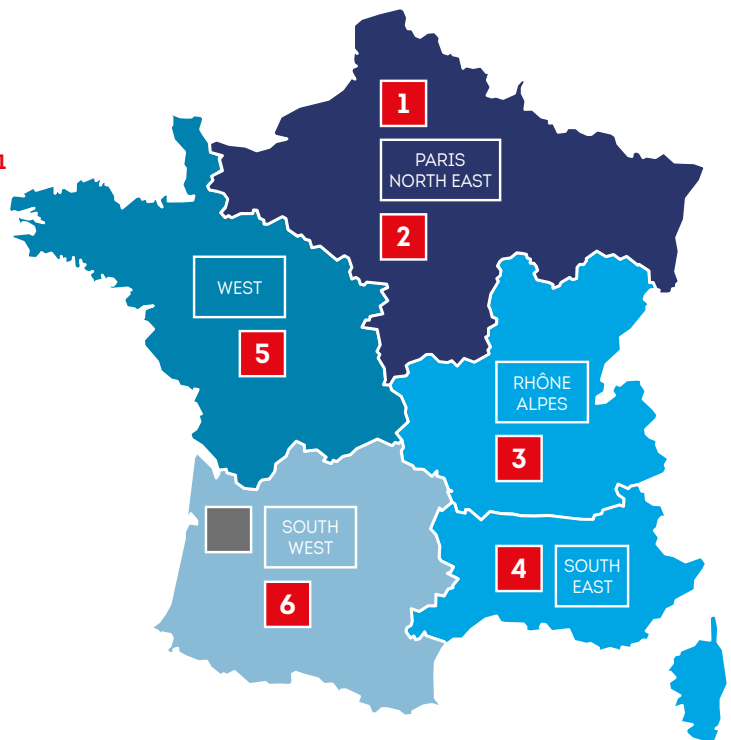
48 route de Saint-Bonnet-de-Mure
69780 Saint-Pierre-de-Chandieu
Tel. +33 4 72 48 11 11
Fax +33 4 78 40 35 13

WEST

Usine de Paviers
37220 Crouzilles
Tel. +33 2 47 93 88 80
Fax +33 2 47 93 88 85

SOUTH-EAST

Z.I. La Grande Marine
84800 L'Isle-sur-la-Sorgue
Tel. +33 4 90 21 42 42
Fax +33 4 90 38 43 99



OUR CUSTOMER SERVICE TEAM IS ALWAYS ON HAND TO HELP

CALL US NOW ON

0 826 08 20 20

Service 0,15 € / min
+ prix appel *

*Service 0.15€/min + call price

INFORMATION

AND TECHNICAL SUPPORT



TECHNICAL ASSISTANCE JUST A PHONE CALL AWAY AT ALL TIMES!

The guarantee of knowing that you can obtain answers about how to use our products anytime, anywhere, by phone or by fax.

Technical assistance

Telephone

0 826 08 68 78 Service 0,15 € / min + prix appel *

Fax

0 826 08 68 79 Service 0,15 € / appel + prix appel *

*Service 0.15€/min + call price

TECHNICAL SUPPORT FOR GETTING YOUR WORKSITES UP AND RUNNING

Thanks to our network of regionally-located specialists, we are able to provide full technical support when starting up your building projects.

Our products are technical products - it is therefore perfectly natural that we are committed to providing technical support and advice to ensure that our users obtain the best possible results.

For further information, please feel free to contact your regional sales office.

PRACTICAL GUIDELINES CONCERNING OUR CONSTRUCTION PRODUCTS



TECHNICAL DATA SHEETS

Our Technical Data Sheets provide full details of how to use our products (preparation & application), along with safety and storage instructions. The latest TDS for each product can be found at our website, www.parexlanko.com.



SUBSTRATE PREPARATION

Our mortars are designed to offer you the very best in terms of performance. Nevertheless, high quality results also require high quality preparation. Before using our products please make yourself fully aware of any specific requirements in terms of substrate preparation. All such information can be found in the relevant Technical Data Sheet.



STORAGE

In order to ensure that our products retain all of their performance characteristics, please store them in their unopened original packaging in dry, frost-free conditions. The maximum recommended storage time for each product is indicated at the bottom of its Technical Data Sheet.



PRECAUTIONS AND SAFETY GUIDELINES

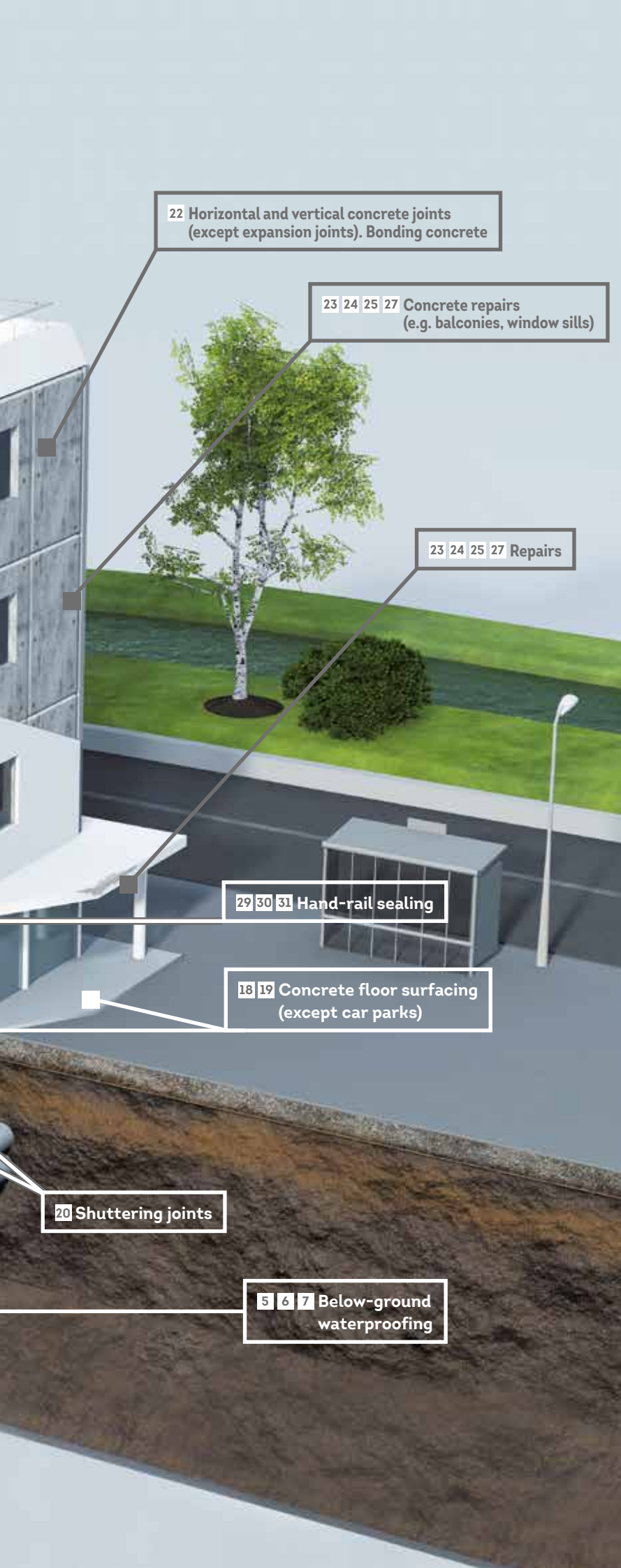
When using any of our Building products, please also comply strictly with all safety precautions indicated in the Technical Data Sheet. Safety Data Sheets for each product are also available for consultation at www.quickfds.fr.



FOCUS ON OUR PRODUCTS FOR

LARGE-SCALE BUILDING APPLICATIONS

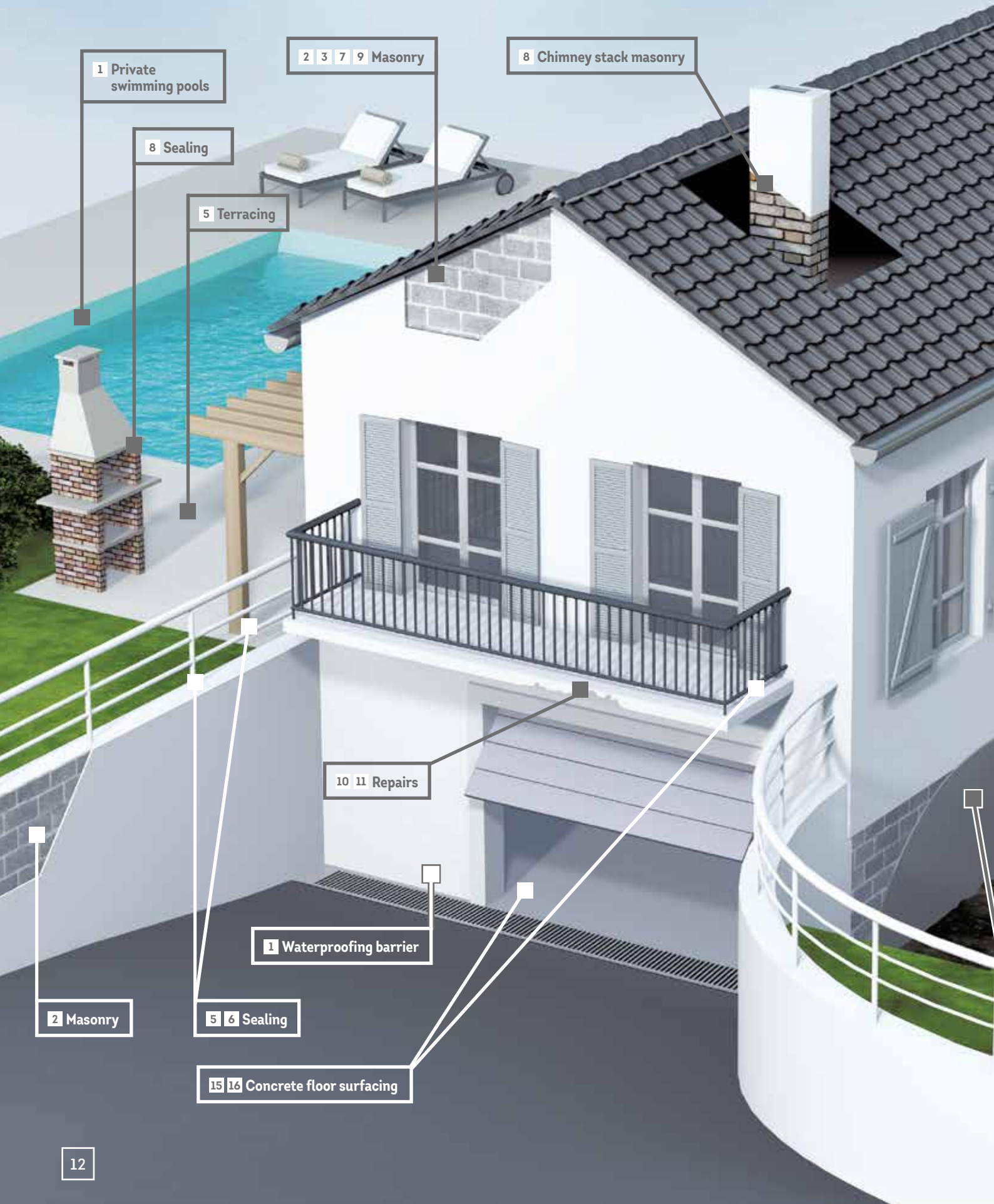




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11	101	LANKOMUR PARENDUIT	44
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17	113	LANKOMUR ERTOMUR	49
18	123	LANKOSOL ÉPAIS	50
19	133	LANKOSOL MINCE	51
20	1020	LANKOPREDAL	54
21	660	LANKOSCELKONE	55
22	662	LANKOCEM	55
23	730	LANKOREP FIN	68
24	731	LANKOREP STRUCTURE	64
25	732	LANKOREP FAÇADE	69
26	735	LANKOREP RAPIDE	65
27	770	LANKOREP FIN RAPIDE	66
28	780	LANKOREP FLUIDE	67
29	700	CLAVEXPRESS	72
30	705	CLAVEX+	73
31	729	LANKOSCELFEST	74
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FOCUS ON OUR PRODUCTS

FOR INDIVIDUAL HOUSING PROJECTS



1 Private swimming pools

2 3 7 9 Masonry

8 Chimney stack masonry

8 Sealing

5 Terracing

10 11 Repairs

1 Waterproofing barrier

5 6 Sealing

15 16 Concrete floor surfacing

2 Masonry



4 Sealing of roofing elements (tiles, ridges, edging)

6 7 Sealing (e.g. shutter hinges)

1 Ornamental ponds and basins

10 Step repairs, step nosing, stoops

12 13 14 Foundation waterproofing

1	221 LANKO IMPER	30
2	151 MORTIER UNIVERSEL	78
3	152 MORTIER FIN	78
4	153 MORTIER BÂTARD	79
5	154 BÉTON UNIVERSEL	81
6	729 LANKOSCELFEST	74
7	155 MORTIER RAPIDE	79
8	156 MORTIER FEU	80
9	561 MORTIER BÉTON CELLULAIRE	82
10	730 LANKOREP FIN	68
11	732 LANKOREP FAÇADE	69
12	2022 LANKOFUGEANT	26
13	201 LANKOBLACK PÂTEUX	24
14	202 LANKOBLACK FIBRE	24
15	123 LANKOSOL ÉPAIS	50
16	133 LANKOSOL MINCE	51

1

FORMWORK REMOVAL



SELECTION GUIDE

341 LANKODEM ECO
 356 LANKODEM PLUS
 357 LANKODEM VEG
 359 LANKODEM PUR

APPLICATIONS					
Formwork removal from concrete	Mineral	✓			
	Synthetic		✓		
	Plant-based			✓	
	100% plant origin				✓
PRODUCT TYPE					
Sprayable oil		✓	✓	✓	✓



FORMWORK REMOVAL



2015 CLASSIFICATION

LANKODEM MOULD RELEASE AGENTS

Since 1st June 2015, new Classification, Labelling & Packaging (CLP) regulations have come into force, requiring manufacturers to indicate to what extent a product may be considered as hazardous and to label it accordingly. In response to these changes, SYNAD, the French syndicate responsible for concrete and mortar admixtures, has updated its widely used classification system for mould release agents. The table below presents the products from the new Parexlanko LANKODEM range and how they meet the new classification criteria.

LANKODEM RANGE		FIRE SAFETY	USERS / ENVIRONMENT		
			HEALTH	VOC	BIODEGRADABILITY
PLANT					
Pure Plant 	359 LANKODEM PUR	●●	●●●●	●●●	●●●
Plant-based 	357 LANKODEM VEG	●○	●●●○	●●○	●●●
SYNTHETIC					
Pure Synthetic	356 LANKODEM PLUS	●●	●●●●	●●●	○●○
RECYCLED MINERAL					
Recycled Mineral	341 LANKODEM ECO	●○	●○●○	○●○	○●○

KEY**

Comparative classification indicators in which:

- Favourable criteria
- Unfavourable criteria

FOR FIRE SAFETY:

- Flash point above 100°C
- Flash point between 61°C and 100°C
- Flash point below 61°C

FOR USERS' HEALTH:

The purpose of health criteria is to inform users of the possible risks of regular use of a mould release agent. This classification is therefore based on section 2 of the SDS, "Hazard(s) Identification".

The number of drops is determined by the most unfavourable hazard criteria and by the presence of a solvent *** and a recycled or new mineral oil or a recycled plant-based oil:

- Non-hazardous
- H315, H319, H335, H413
- H304, H336, H412
- H302, H317, H332
- H301, H314, H318, H334, H411

One black drop fewer if the product contains a solvent*

One black drop fewer if the product contains a recycled or new mineral oil or a recycled plant-based oil.

This criterion takes into account factors that represent a danger to health (H3XX) and to the environment (H4XX) associated with the formulation and use of mould release agents.

Information pertaining to hazards is restated in the CLP legislation (1272/2008/CE) and any later amendments.

Fundamental health & safety guidelines must be followed at all times when using the product: i.e., do not smoke; do not eat; wear suitable personal protective equipment.

FOR VOCs:

According to decree no. 2006-623, a Volatile Organic Compound (VOC) is a substance formed by at least one carbon atom and characterized by a boiling point up to a maximum of 250°C at atmospheric pressure:

- less than 1% VOC
- 1 to 25% VOC
- 25 to 50% VOC
- more than 50% VOC

This criterion indicates the VOC content of mould release agents.

FOR BIODEGRADABILITY:

- at least 95% of the product is 60% biodegradable after 28 days
- at least 50% of the product is 60% biodegradable after 28 days
- 0% of the product is 60% biodegradable after 28 days

Even if a product is ultimately biodegradable, spill containment trays must still be used, as for all liquid products, so as to prevent mass environmental discharge.

*** The term «solvent» refers to petroleum-based solvents

THE LANKODEM RANGE



341 LANKODEM ECO

Ready-to-use mould release agent for removing formwork from all types of concrete after hardening.

- ▶ Particularly suitable for use with wooden formwork.
- ▶ For certain specific substrates (e.g. synthetic or PU) or applications with white cement, a compatibility test should be carried out prior to use.



356 LANKODEM PLUS

Ready-to-use mould release agent particularly suitable for use with metal, plastic or wooden formwork; ensures quick, easy and high-quality release.

- ▶ It enhances the surface appearance of concrete and is fully compatible with mortar coatings and paint applied in compliance with good practice for the application of covering materials.
- ▶ For applications with white cement, a compatibility test should be carried out prior to use.



357 LANKODEM VEG

Ready-to-use mould release agent, composed primarily of plant-based ingredients; ensures quick, easy and very good quality release from formwork once concrete has dried.

- ▶ **357 LANKODEM VEG** is biodegradable and free of aromatic solvents.
- ▶ For certain specific substrates (e.g. synthetic or PU) or applications with white cement, a compatibility test should be carried out prior to use.



359 LANKODEM PUR

Solvent-free ready-to-use mould release agent made purely from plant matter, **359 LANKODEM PUR** presents no risk whatsoever to users or to the environment.

- ▶ **359 LANKODEM PUR** is not recommended for use with white concrete.
- ▶ For certain specific substrates (e.g. synthetic or PU) or applications with white cement, a compatibility test should be carried out prior to use.



DEFINITIONS**

“PLANT-BASED”

This designation is used for mould release agents that are made wholly or partly with components of plant origin (e.g. soya, colza, methyl ester...) and that are at least 60% degradable after 28 days according to tests described in standards EN ISO 9408 and EN ISO 9439 pertaining to mould release agents.

SYNAD members' products meeting this criterion are identifiable by a specific logo. These mould release agents are biodegradable and do not therefore bear a hazard warning pictogram on their labelling.

EUROPEAN STANDARDS EN ISO 9408 AND EN ISO 9439

These standards determine the percentage of ultimate degradability of a product by measuring its oxygen demand or its production of carbon dioxide.

Above a biodegradability threshold of 60% after 28 days, these standards consider that a product is biodegradable.

BIODEGRADABILITY

Biodegradability is the ability of organic substances and materials to be broken down into simpler substances through the action of enzymes from microorganisms. The SYNAD classification bases its assessment on ultimate biodegradability, i.e. complete degradation of an organic substance by micro-organisms, resulting in the production of carbon dioxide, water, mineral salts and new microbial cellular constituents (biomass).

FLASH POINT

Temperature at which a product ignites when exposed to a naked flame.

A product with a flashpoint higher than 61°C is considered as being non-inflammable. For the purposes of its classification, SYNAD members have chosen the Pensky-Martens closed-cup test method in compliance with standard EN ISO 2719 dated May 2003.

** Source: www.synad.fr

FORMWORK REMOVAL

341 LANKODEM ECO

CONCRETE MOULD RELEASE AGENT

RECYCLED MINERAL

PRODUCT FEATURES

- ▶ Suitable for use with all formwork types
- ▶ Does not leave any oily traces after removal of formwork
- ▶ Steam-curable up to 60°C

FABRIQUE EN FRANCE



USES

- ▶ All types of formwork (metal, plastic, wood, plywood) for concrete poured in all positions (vertical, horizontal and inclined)
- ▶ Delayed formwork removal from steam-cured concrete up to 60°C
- ▶ All types of concrete, e.g. shuttered, prefabricated, prestressed, pre-slabs, posts, poles, lintels, etc

SPECIFICATIONS

- ▶ Density: < 1
- ▶ Flash point: > 100°C
- ▶ Kinematic viscosity at 40°C: 10.5 ± 3 mm²/s (cSt)
- ▶ Freezing point: < -10°C

2015 SYNAD classification for mould release agents

Users	Fire safety	☹️
	Health	☹️☹️☹️
Environment	VOC	☹️☹️☹️
	Biodegradability	☹️☹️☹️

☹️ Favourable criteria ☹️ Unfavourable criteria

INSTRUCTIONS

- ▶ Apply in pure form by spray or sponge, to form a thin, continuous, even film
- ▶ Recommended nozzle type: TP 110 01
- ▶ Pressure: 3 bars

CONSUMPTION

- Metal or plywood formwork (e.g. CTBX): 50 m²/l
- More absorbent formwork: 25 to 35 m²/l

STORAGE

24 months



Advice to users: (valid for all mould release agents).
 Avoid excessive application by controlling consumption per m².
 After spraying, remove excess oil by use of a rubber blade scraper (squeegee).

FORMWORK REMOVAL

356 LANKODEM PLUS

CONCRETE MOULD RELEASE AGENT

PURE SYNTHETIC

PRODUCT FEATURES

- ▶ Suitable for use with all formwork types
- ▶ Steam-curable up to 80°C
- ▶ High quality release from formwork
- ▶ Easy spray-on application
- ▶ SYNAD "Pure Synthetic" classification
- ▶ Zero VOCs

FABRIQUE EN FRANCE



USES

- ▶ Shuttered concrete
- ▶ Steam-cured concrete up to 80°C
- ▶ Prefabricated concrete

SPECIFICATIONS

- ▶ Density: < 1
- ▶ Flash point: > 100°C
- ▶ Kinematic viscosity at 20°C: 25 ± 50 mm²/s (cSt)
- ▶ Temperature range for use: 5°C to 35°C
- ▶ Freezing point: < -10°C

2015 SYNAD classification for mould release agents

Users	Fire safety	2
	Health	3
Environment	VOC	2
	Biodegradability	1

Favourable criteria
 Unfavourable criteria

INSTRUCTIONS

- ▶ Apply in pure form by spray or sponge, to form a thin, continuous, even film
- ▶ Recommended nozzle type: TP 110 01, but also:
 - in temperatures above 25°C: TP 110 067
 - in temperatures below 10°C: TP 110 015
- ▶ Pressure: 3 bars

CONSUMPTION

- 50 m² per litre for metal formwork.
- 30 m² per litre for plywood formwork

STORAGE

24 months



FORMWORK REMOVAL

357 LANKODEM VEG

CONCRETE MOULD RELEASE AGENT

PLANT-BASED

PRODUCT FEATURES

- ▶ Suitable for use with all types of formwork
- ▶ High-quality stripping
- ▶ Easy spray-on application
- ▶ SYNAD "Plant-based" classification
- ▶ Biodegradable
- ▶ Zero aromatic solvents



USES

- ▶ Shuttered concrete
- ▶ Steam-cured concrete
- ▶ Prefabricated concrete

SUITABLE FINISHES

- ▶ Renders
- ▶ Paints

SPECIFICATIONS

- ▶ Density: < 1
- ▶ Flash point: 93°C
- ▶ Kinematic viscosity at 20°C: 29 ± 3 mm²/s (cSt)
- ▶ Biodegradability: more than 60% after 28 days
- ▶ Temperature range for use: 5°C to 35°C
- ▶ Pour point: -20°C

2015 SYNAD classification for mould release agents

Users	Fire safety	☹️
	Health	☹️☹️☹️
Environment	VOC	☹️☹️☹️
	Biodegradability	☹️☹️☹️

☹️ Favourable criteria ☹️ Unfavourable criteria

INSTRUCTIONS

- ▶ Apply in pure form by spray or sponge, to form a thin, continuous, even film
- ▶ Recommended nozzle type: Pulvo Buse 010
- ▶ Pressure: 4 bars

CONSUMPTION

- 60 m² per litre for metal formwork
- 40 m² per litre for plywood formwork

STORAGE

24 months



359 LANKODEM PUR

CONCRETE MOULD RELEASE AGENT

PURE PLANT

PRODUCT FEATURES

- ▶ Suitable for use with all types of formwork
- ▶ High-quality stripping
- ▶ Easy spray-on application
- ▶ SYNAD "Pure Plant" classification
- ▶ Biodegradable
- ▶ Solvent-free
- ▶ Zero VOCs



USES

- ▶ Shuttered concrete
- ▶ Steam-cured concrete
- ▶ Prefabricated concrete
- ▶ Prestressed concrete

SPECIFICATIONS

- ▶ Density: < 1
- ▶ Flash point: 100°C
- ▶ Kinematic viscosity at 20°C: 40 ± 2 mm²/s (cSt)
- ▶ Biodegradability: more than 60% after 28 days
- ▶ Temperature range for use: 5°C to 35°C
- ▶ Pour point: -15°C

2015 SYNAD classification for mould release agents

Users	Fire safety	☹
	Health	☹☹☹
Environment	VOC	☹☹☹
	Biodegradability	☹☹☹

☹ Favourable criteria ☹ Unfavourable criteria

INSTRUCTIONS

- ▶ Apply in pure form by spray or sponge, to form a thin, continuous, even film
- ▶ Recommended nozzle type: TP 110 015
- ▶ Pressure: 3 bars

CONSUMPTION

- 70 m² per litre for metal formwork
- 30 m² per litre for plywood formwork

STORAGE

24 months



2

BELOW-GROUND

WATERPROOFING



SELECTION GUIDE

201 LANKOBLACK PÂTEUX
 202 LANKOBLACK FIBRE
 211 LANKOBLACK FIBRE
 212 LANKOBLACK VERNIS
 2022 LANKOBLACK FLUIDE
 2022 LANKOFUGEANT

APPLICATIONS						
Foundation treatment	Waterproofing of coated masonry or concrete	✓	✓	✓	✓	✓
	Waterproofing of category 2 non-coated masonry		✓			✓
Interior basement treatment	General waterproofing					✓
Special structures	General waterproofing					✓

PRODUCT TYPE						
Bituminous paste	✓	✓				
Fluid bituminous solution			✓	✓		
Thin, single-component rigid hydraulic mortar						✓

BELOW-GROUND WATERPROOFING

201 LANKOBLACK PÂTEUX

WATERPROOF BITUMINOUS COATING

BONDING OF INSULATING MATERIALS



PRODUCT FEATURES

- ▶ Bonding of insulating materials
- ▶ Anti-corrosion protection
- ▶ Resistant to water, alcohol and most acids and diluted bases

USES

- ▶ Protection of foundations and below-ground structures
- ▶ Bonding of insulation materials (e.g. cork slabs, mineral wool)
- ▶ Protection of below-ground materials (concrete, wood, metal)
- ▶ Compatible with the PAREXLANKO ETI range

SPECIFICATIONS

- ▶ Appearance: dark brown paste
- ▶ Density at 20°C: 1.00 ± 0.05
- ▶ Drying time at 20°C: Surface dry: 2 hours, Fully dry: 24 hours
- ▶ Dry extract: 57 ± 3%
- ▶ Penetrability at 25°C: 270 ± 30 1/10 mm (NF T 60119)
- ▶ Permeability to steam: 0.8 g/m²/24 hrs for 1.7 kg per m² (NF X 41001)

INSTRUCTIONS

- ▶ Apply 2 cross coats with a smoothing trowel or brush
- ▶ Bonding of insulating materials: apply in dabs or strips

CONSUMPTION

- Bonding insulating materials: 0.6 to 0.8 kg per m²
- Surface protection: 1.5 to 2 kg per m² for 2 coats

PACKAGING

5 kg and 25 kg buckets

STORAGE

24 months

202 LANKOBLACK FIBRÉ

WATERPROOF BITUMINOUS COATING

PROTECTION OF FOUNDATIONS AND

UNDERGROUND ELEMENTS



PRODUCT FEATURES

- ▶ Direct application to concrete blocks
- ▶ Protection of foundations and underground elements
- ▶ Fibre-reinforced
- ▶ One-coat

USES

- ▶ Waterproofing of walls and foundations exposed to moisture (concrete blocks, concrete, wood, metal)
- ▶ Bonding of insulation materials (e.g. cork slabs, glass wool, mineral wool)
- ▶ Protection of below-ground materials (concrete, wood, metal)

SPECIFICATIONS

- ▶ Appearance: dark brown paste
- ▶ Density at 20°C: 1.00 ± 0.05
- ▶ Drying time at 20°C: Surface dry: 2 hours, Fully dry: 24 hours
- ▶ Penetrability at 25°C: 320 ± 30 1/10 mm (NF T 60119)
- ▶ Permeability to steam: 1 - 2 g/m²/24 hrs for 3 kg per m²

INSTRUCTIONS

- ▶ Apply one single coat with a float or trowel
- ▶ Minimum post-drying thickness: 2 mm

CONSUMPTION

2 kg per m² minimum

PACKAGING

25 kg bucket

STORAGE

12 months

211 LANKOBLACK VERNIS

WATERPROOF BITUMINOUS COATING

PROTECTION OF BELOW-GROUND PARTS

OF COATED STRUCTURES



PRODUCT FEATURES

- ▶ Protection of foundations and below-ground parts of coated structures
- ▶ Protection of metal against corrosion
- ▶ Fast-drying
- ▶ Resistant to water, alcohol and most acids and diluted bases

USES

- ▶ Additional waterproofing of concrete and coated masonry foundations
- ▶ Protection of underground parts of metal structures

SPECIFICATIONS

- ▶ Appearance: black liquid
- ▶ Density: 0.95 ± 0.025
- ▶ VOC content: $60\% \pm 5\%$
- ▶ Dry extract: $65 \pm 3\%$
- ▶ Viscosity at 25°C: $60 \pm 20s$ (EN ISO 2431)
- ▶ Flash point: $45^\circ C \pm 2^\circ C$

INSTRUCTIONS

- ▶ Apply two cross-coats with a brush or broom
- ▶ Drying time between coats: 3 to 6 hours depending on climatic conditions

CONSUMPTION

0.3 to 0.5 litre/m² for 2 coats, depending upon substrate porosity

PACKAGING

5 litre bucket and 25 litre drum

STORAGE

24 months

212 LANKOBLACK FLUIDE

WATERPROOF BITUMINOUS COATING

PROTECTION OF BELOW-GROUND PARTS

OF COATED STRUCTURES



PRODUCT FEATURES

- ▶ Protection of foundations and below-ground parts of coated structures
- ▶ Can be applied to dry or damp substrates
- ▶ Resistant to water, alcohol and most acids and diluted bases

USES

- ▶ Additional waterproofing of concrete and coated masonry foundations
- ▶ Protection of underground parts of metal structures

SPECIFICATIONS

- ▶ Appearance: black liquid
- ▶ Density at 20°C: 1.00 ± 0.5
- ▶ Dry extract: $54.5 \pm 3\%$
- ▶ Viscosity at 25°C: 57 ± 3 ku (ASTM G562)

INSTRUCTIONS

- ▶ Apply two cross-coats with a float or brush
- ▶ Apply the second coat as soon as the first has dried

CONSUMPTION

0.3 to 0.5 litre/m² for 2 coats, depending upon substrate porosity

PACKAGING

5 litre bucket and 25 litre drum

STORAGE

24 months

BELOW-GROUND WATERPROOFING

2022 LANKOFUGEANT

THIN-COAT WATERPROOFING MORTAR

DIRECT APPLICATION ON CONCRETE BLOCKS

PRODUCT FEATURES

- ▶ Direct application on concrete blocks
- ▶ Interior / Exterior use
- ▶ Very good adherence to concrete
- ▶ Excellent application quality
- ▶ Reduced dust emission (up to 90% less dust)



FABRIQUE EN FRANCE



USES

- ▶ Interior or exterior waterproofing of raised or sunken masonry and concrete substrates:
 - House basements
 - Cellar walls
 - Foundations

SPECIFICATIONS

- ▶ Grey powder
- ▶ Hardened product density: 1.7
- ▶ Particle size: 0 - 0.5 mm
- ▶ pH: 12
- ▶ Pot life: 3 hours approx. at 20°C
- ▶ Pressure resistance: 2 MPa
- ▶ Counter-pressure resistance: 0.3 MPa
- ▶ Capillary absorption: $W < 0.1 \text{ kg per m}^2 \text{ h } 0.5$ (EN 1062-3)

INSTRUCTIONS

- ▶ Mix 25 kg of the product with 5.5 - 6.5 litres of water
- ▶ Apply a minimum of two cross coats with a medium brush, bristle broom or float
- ▶ Allow 8 to 24 hours between coats
- ▶ Redampen the first coat prior to application of the second coat

CONSUMPTION

3 kg per m^2 (2 coats)

PACKAGING

25 kg bag

STORAGE

12 months





2022 LANKOFUGEANT applied to concrete blocks below ground.

3

WATERPROOFING AND TANKING



SELECTION GUIDE

221 LANKO IMPER

228 LANKOLASTIC

223 LANKOPARKING

777 LANKOIMPER SURFAÇAGE

APPLICATIONS					
Foundation treatment	Waterproofing of category 2 non-coated masonry	✓			
Special structures (tanks, tubing, shafts)	General waterproofing		✓		
	Waterproof coatings			✓	✓
Swimming pools, ponds and basins	Wall waterproofing	✓			

PRODUCT TYPE					
Thin, single-component rigid hydraulic mortar	✓			✓	
Thin, dual-component flexible hydraulic mortar		✓			
Dual-component hydraulic mortar					✓

WATERPROOFING AND TANKING

221 LANKO IMPER

WATERPROOFING MORTAR FOR PRIVATE

SWIMMING POOLS, PONDS AND BASINS

PRODUCT FEATURES

- ▶ Direct application on masonry, even if underground
- ▶ Suitable for wet spraying
- ▶ Can be left bare



USES

- ▶ Private swimming pools and basins
- ▶ Cellar walls
- ▶ Supporting walls
- ▶ Castle moats
- ▶ Watertight foundations
- ▶ Hard stone joints

SPECIFICATIONS

- ▶ Grey powder
- ▶ Hardened product density: 1.8
- ▶ Particle size: 0 - 4 mm
- ▶ pH: 12
- ▶ Pot life: 45' approx. at 20°C
- ▶ Product capillarity: $C \leq 0.5$ kg per $m^2/min.0.5$

INSTRUCTIONS

- ▶ Dampen the substrate prior to application
- ▶ Mix the contents of a 25 kg bag with 3.8 litres of water
- ▶ Apply 1 or 2 coats by hand or with a spraying pot (e.g. Sablon)
- ▶ Dress the mortar with a ruler
- ▶ Maximum thickness on concrete: 10 mm, with scratch coat
- ▶ Maximum thickness on masonry: 10 to 20 mm
- ▶ Maximum thickness on swimming pool bottom: 20 to 30 mm, with slurry (see Technical Data Sheet)

CONSUMPTION

2 kg per m^2 per mm thickness

PACKAGING

25 kg bag

STORAGE

12 months



PRO TIP

On shuttered concrete walls, a 3 - 5 mm dash-bond coat made up with **221 LANKO IMPER** mixed with water containing a 10% dose of **751 LANKOLATEX** must first be applied.

228 LANKOLASTIC

FLEXIBLE WATERPROOFING MORTAR PROTECTION

AND WATERPROOFING OF CONCRETE STRUCTURES

PRODUCT FEATURES

- ▶ Compliant with standard EN 1504-2
- ▶ Excellent resistance to sea water, sulphated water and de-icing salt
- ▶ Slows down concrete carbonation by reducing CO2 infiltration
- ▶ Resistant to micro-cracking
- ▶ Good resistance to UV rays and freeze/thaw cycles
- ▶ Resistance to pressure/counter-pressure

USES

- ▶ Waterproofing of structures such as water tanks, retention tanks, balconies, loggias, terraces (except roof terraces), bonded sub-tiling or mortar screed
- ▶ Shaft linings - lift shafts, car parks, underground premises
- ▶ Waterproof undertile sealant

SPECIFICATIONS

- ▶ Appearance:
 - Component A: grey powder combining special cements, filler and admixtures
 - Component B: white liquid containing resins in aqueous dispersion
- ▶ Mixture colour: grey
- ▶ Particle size: 0 - 0.3 mm
- ▶ Paste density: 1.65
- ▶ Pot life: 1 hour at 20°C
- ▶ Bond strength measured by pull-off test: > 0.8 MPa (EN 1542)

PRO TIP

For substrates showing evidence of micro-cracking, the first coat should be reinforced with **ARMATURE RM** mesh.



FABRIQUE EN FRANCE



Resistance (MPa)

Pressure	0.8 MPa
Counter-pressure	0.3 MPa

INSTRUCTIONS

- ▶ Mix the two components together with a slow-speed mixer
- ▶ Apply a minimum of two coats with a brush, float, peristaltic pump or spray gun
- ▶ Allow 4 to 24 hours between coats depending on atmospheric conditions
- ▶ The final total thickness of the dry film must be at least 1.5 mm

CONSUMPTION

1.5 to 2 kg per m² per coat

PACKAGING

- 14.4 kg kit
- 28.8 kg kit

STORAGE

12 months



WATERPROOFING AND TANKING

223 LANKOPARKING

CRYSTALLINE WATERPROOFING

MORTAR APPLICATION AS SLURRY

OR BY SPRINKLING

PRODUCT FEATURES

- ▶ Crystalline technology
- ▶ Excellent pressure and counter-pressure resistance
- ▶ Direct application as slurry to hardened concrete or by sprinkling onto fresh concrete
- ▶ Traffic-friendly
- ▶ Low consumption

USES

- ▶ Interior & exterior waterproofing of new & old solid concrete structures:
 - Building: underground car parks
 - Civil engineering: tunnels, metro systems

SPECIFICATIONS

- ▶ Light grey powder
- ▶ As slurry:
 - thick paint consistency
 - setting time: 1 to 3 hours
- ▶ Compressive strength ≥ 25 MPa
- ▶ Bond strength: ≥ 0.8 MPa
- ▶ Pressure resistance: > 2 MPa
- ▶ Counter-pressure resistance: 1 MPa
- ▶ Pot life: 20'
- ▶ Capillary absorption: < 0.5 kg per m^2 , h0.5



CONSUMPTION

0.8 to 1.5 kg per m^2 depending on application method

PACKAGING

25 kg bag

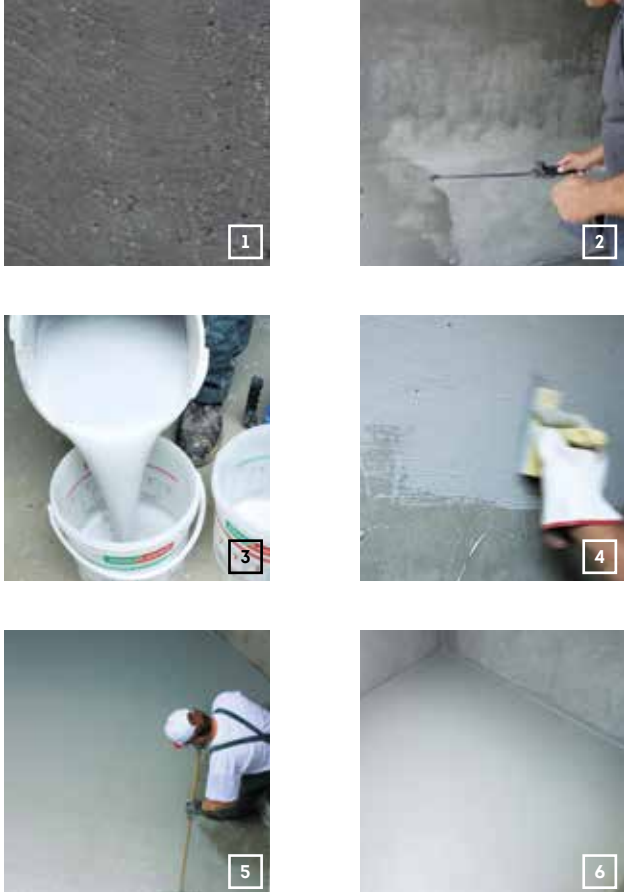
STORAGE

12 months



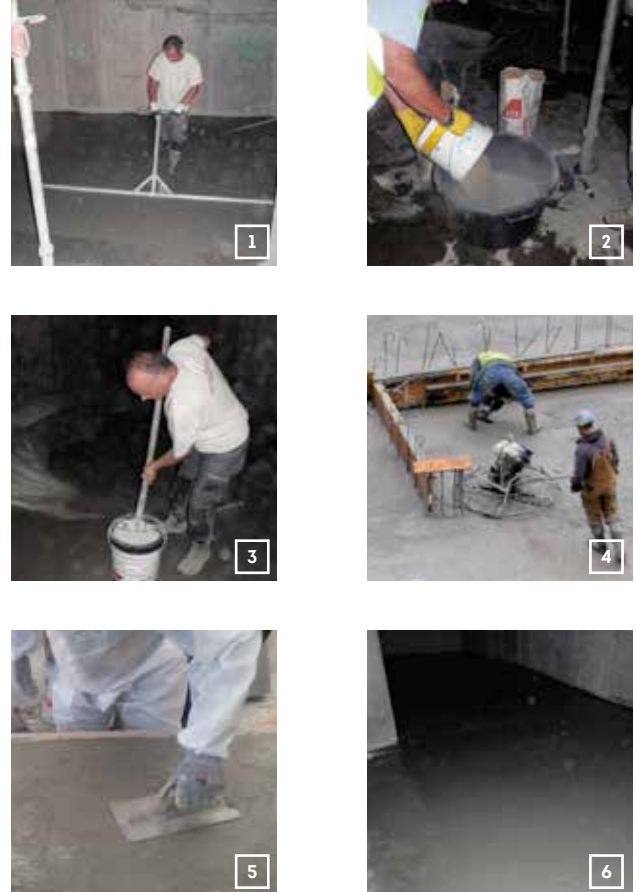
INSTRUCTIONS

APPLICATION AS SLURRY



- ▶ Open up the surface of the concrete and deal with any specific local issues **1**
- ▶ Soak the substrate (damp, but not running with water) **2**
- ▶ Mix just the right amount of product for 20' use **3**
- ▶ Apply the product with a brush or gravity gun **4**
- ▶ Apply the second coat approximately 30 minutes after the first **5**
- ▶ Keep the final coat damp for at least 5 days after application to allow the active ingredient to migrate into the concrete **6**

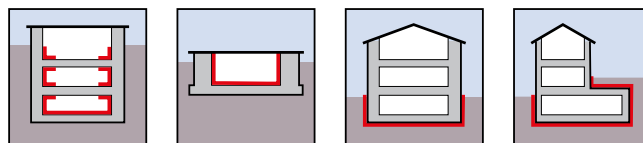
APPLICATION BY SPRINKLING



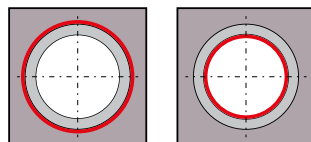
- ▶ Cast the concrete floor and wait until it begins to set **1**
- ▶ For anti-abrasion treatments, a 3:2 mixture of **223 LANKOPARKING** and a surface-hardening powder such as **242 LANKOFLOOR POWDRE** may be used **2**
- ▶ Ensure that the product is sprinkled uniformly and in sufficient quantities across the entire surface **3**
- ▶ Press down **223 LANKOPARKING** using a power float **4**
- ▶ In corners and angles, float by hand until fully absorbed **5**
- ▶ In corners and angles, float by hand until fully absorbed **6**

APPLICATIONS

▶ Building and Civil Engineering structures



▶ Tunnels



777 LANKOIMPER SURFAÇAGE

SURFACING / REPAIR /

ADHESIVE MORTAR

PRODUCT FEATURES

- ▶ Compliant with standards EN 1504-2, EN 1504-3 (class 4) and EN 12004 (C2 adhesive mortar)
- ▶ Excellent slideability
- ▶ Resistant to water (pressure and counter-pressure)
- ▶ Resistant to de-icing salts
- ▶ Positive List compliance

FINISHES

- ▶ Can be left bare
- ▶ Can be covered after 48 hours with acrylic / siloxane or pliolite paint, with solvent-free epoxy or polyurethane resins
- ▶ Can be tiled over after 24 hours (after surfacing and/or waterproofing)

USES

SMALL THICKNESS CONCRETE SURFACING & REPAIRS:

- ▶ Civil engineering and building structures
- ▶ Parapets, balconies, posts, cut-off walls
- ▶ Surfacing before application of paint and epoxy or polyurethane resins

WATERPROOFING:

- ▶ Potable water tanks, water retention tanks, swimming pools
- ▶ Tanking: elevator shafts, underground car parks and other premises

TILE ADHESIVE:

- ▶ Mortar adhesive for bonding tiles to interior walls, interior and exterior floors and pools and basins



SPECIFICATIONS

- ▶ Pot life: 60' at 20°C (pot life is reduced as temperature increases)
- ▶ Component A: grey powder composed of special cements, filler and admixtures
- ▶ Component B: resin emulsion

Mechanical strength (MPa)

Period	24 hrs	7 days	28 days
Flexural	3	8.5	11
Compressive	13	40	50

Resistance

Pressure	2 MPa
Counter-pressure	0.6 MPa

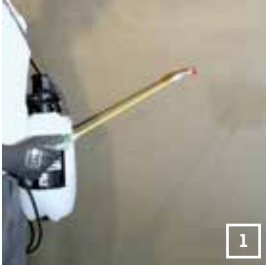
Bond strength pull-off test

Waterproofing	2.5 MPa
Repair	2.5 MPa

- ▶ Storage: 12 months from date of manufacture if kept in unopened original packaging in dry, frost-free conditions



INSTRUCTIONS



1



2

SUBSTRATE PREPARATION

- ▶ Concrete and mortar must be at least 28 days old
- ▶ The substrate must be clean and sound and free of any traces of grease, dust and loose or flaking parts
- ▶ The substrate must be damp but not seeping with water prior to application **1**
- ▶ Minimum mechanical strengths:
 - direct shear cohesion: 1.5 MPa
 - compression: 25 MPa
- ▶ If the substrate requires preliminary repair or elimination of air bubbles prior to waterproofing, a coat of **777 LANKOIMPER SURFAÇAGE**, or any other R4 class mortar from the PAREXLANKO range, may be applied



3



4

PRODUCT PREPARATION

- ▶ The 2 components must be mixed using a slow speed (300-500 rpm) mechanical mixer. Carefully mix together the entire contents of each component
- ▶ Make up a homogeneous mixture using the following procedure: pour ¾ of the resin into a suitably-sized receptacle and then gradually pour all the powder into the resin and mix to a plastic consistency **2 3**
- ▶ Add the rest of the resin and continue mixing for approximately 2 minutes

CONSUMPTION

Approximately 2 kg per m² per mm thickness
(variable according to substrate roughness and thickness)

PACKAGING

- 23.9 kg kit, i.e.
 - Component A: 20 kg bag
 - Component B: 3.9 kg container

PRODUCT APPLICATION



5



6

SMALL THICKNESS SURFACING/REPAIRS

- ▶ Apply a thin coat (3 mm max.) with a stainless steel float or trowel **5**
- ▶ Finish with a sponge, a laying-on trowel or a piece of expanded polystyrene **6**



7



8

WATERPROOFING

- ▶ **777 LANKOIMPER SURFAÇAGE** is applied in two successive 2-3 mm coats. The first coat is laid and structured with a notched trowel (e.g. #12) **7**. The second coat is applied with a stainless steel float as soon as the first coat is touch-dry. Apply both coats in the same direction so as to avoid trapping air **8**
- ▶ **777 LANKOIMPER SURFAÇAGE** can also be applied using a spraying machine
- ▶ The final total thickness must not be less than 4 mm
- ▶ The mortar must be used up within an hour of being mixed (at 20°C)



9



10

BONDING

- ▶ Apply the mortar with a notched trowel suitable for the tiles that are to be bonded **9**
- ▶ Lay/Hang the tiles immediately after application of **777 LANKOIMPER SURFAÇAGE** **10**

4

STRUCTURAL PROTECTION

AND ANTI-CORROSION TREATMENT



SELECTION GUIDE

232 PARINJECTION
 237 LANKOMINERALISANT
 242 LANKOFLOOR POWDRE
 742 LANKOCURING
 760 LANKOPASSIV

APPLICATIONS						
Roof and façade protection	Surface water repellent		✓			
Basement interiors	Rising damp prevention	✓				
Anticorrosion treatment	Protection of reinforcements before repairs (localized treatment)					✓
Surface treatments	Surface hardener		✓	✓		
	Surface protection		✓			
	Curing / Protection from drying out				✓	

PRODUCT TYPE						
Sprayable or injectable liquid		✓	✓		✓	
Hard mineral aggregates				✓		
Single-component paint						✓

STRUCTURAL PROTECTION AND ANTI-CORROSION TREATMENT

237 LANKOMINERALISANT

SURFACE COHESION AGENT

PRODUCT FEATURES

- ▶ Waterproofing and protection
- ▶ Lotus effect
- ▶ Aqueous phase

USES

- ▶ Waterproofing, protection and consolidation of concrete substrates
- ▶ Suitable for: water tanks, silos, basins, floors in industrial and business premises, waste water collection systems, exposed structures (seaside, mountains, industrial environments, etc)
- ▶ Can be applied to stone

SPECIFICATIONS

- ▶ Translucent liquid
- ▶ Density: 1.04
- ▶ pH: 13
- ▶ Active ingredients: alkaline silicates



FABRIQUE EN FRANCE



EFFET PERLANT

INSTRUCTIONS

- ▶ Soak substrates with water prior to application
- ▶ Spray the product onto the substrate in two wet-on-wet coats

CONSUMPTION

0.3 to 0.4 litres approx per m² for two coats

PACKAGING

20 litre container

STORAGE

12 months



242 LANKOFLOOR POWDRE

SURFACE HARDENER

ANTI-ABRASION TREATMENT FOR CONCRETE FLOORS

PRODUCT FEATURES

- ▶ Ready to use
- ▶ Non dust-productive
- ▶ Unaffected by oils

USES

- ▶ High-traffic and high-impact industrial flooring
- ▶ Storage premises
- ▶ Multi-purpose premises
- ▶ Light industrial premises

SPECIFICATIONS

- ▶ Grey powder
- ▶ Mohs hardness: 7
- ▶ Taber abrasion resistance: 2 g per 1000 revs
- ▶ Hardened product density: 2.3
- ▶ Compressive strength after 28 days on reconstituted mortar: 70 MPa
- ▶ Flexural strength: 8 MPa
- ▶ Storage: 12 months from date of manufacture if stored in unopened original packing in dry, frost-free conditions



INSTRUCTIONS

- ▶ Sprinkle the powder evenly across the fresh concrete surface by hand or with a mechanical spreader, making sure to cover the entire surface
- ▶ Finish off the surface with a suitable tool (e.g. power float)

CONSUMPTION

4 to 6 kg per m²

PACKAGING

25 kg bag

STORAGE

12 months



742 LANKOCURING

CURING AGENT

PROTECTION OF FRESH CONCRETE AND MORTAR

PRODUCT FEATURES

- ▶ Reduces the risk of cracking
- ▶ Protects fresh mortar or concrete from drying out
- ▶ Reduces crazing and shrinkage
- ▶ Compliant with French standard NF P 18-370

USES

- ▶ All cases in which climatic conditions (sun, wind) accelerate the evaporation of water used in mixing
- ▶ Structures with a high surface/volume ratio
- ▶ Reducing cracking and shrinkage in the following situations:
 - traffic surfaces - roads, motorways, bridges, embankments, canals, airport runways
 - protection of concrete walkways, terraces and flooring
 - protection of water tanks, tunnels, galleries, vaults

SPECIFICATIONS

- ▶ Ready-to-use
- ▶ Appearance: liquid
- ▶ Colour: straw yellow
- ▶ Density: 0.84 ± 0.02
- ▶ Flash point: $> 40^{\circ}\text{C}$



FABRIQUÉ EN FRANCE

INSTRUCTIONS

- ▶ Ensure that substrates are not seeping with water prior to application. Remove any surface water
- ▶ Spray the pure curing agent onto the surface of the concrete or mortar as soon as it begins to take on a matt appearance
- ▶ If a coating is to be applied to the surface, **742 LANKOCURING** should be removed by vigorous brushing or light sanding after drying

CONSUMPTION

Standard use: 0.185 litre/m^2

Maximum: 0.28 litre/m^2

i.e. $3.6 \text{ to } 5.4 \text{ m}^2/\text{litre}$

PACKAGING

20 litre plastic container

STORAGE

18 months



760 LANKOPASSIV

ANTICORROSION PROTECTIVE COATING

FOR CONCRETE REINFORCEMENT BARS

PRODUCT FEATURES

- ▶ Single component
- ▶ Can be covered within 2 hours
- ▶ Compliant with standard EN 1504-7



FABRIQUE EN FRANCE



USES

- ▶ Passivation of steel rebars prior to application of hydraulic mortars, especially those from the LANKOREP range

SPECIFICATIONS

- ▶ Appearance: fawn-coloured silky liquid
- ▶ Density: 1.5
- ▶ Dry content by weight: 72%
- ▶ Conditions at 20°C and 50% relative humidity:
 - Dust-free: 5'
 - Touch-dry: 15'
 - Coverable: 2 hours
- ▶ Compliant with corrosion protection test as described in standard EN 15183

INSTRUCTIONS

- ▶ After opening the container, stir **760 LANKOPASSIV** thoroughly to ensure even distribution
- ▶ Using a brush, apply a thick coat to the prepared rebars
- ▶ Avoid overflow onto the surrounding concrete
- ▶ The repair mortar should only be applied once **760 LANKOPASSIV** has dried, i.e. at least 2 hours after application
- ▶ The treated rebars can be left for several days. In this case, check that the coating has not deteriorated. If necessary, apply a second coat of **760 LANKOPASSIV**
- ▶ Clean tools with **725 LANKODILPOX**

CONSUMPTION

Approximately 0.1 litre/m²

PACKAGING

3 litre can

STORAGE

24 months



5

LEVELLING



SELECTION GUIDE

101 LANKOMUR PARENDUIT - Cement mix
 101 LANKOMUR PARENDUIT - Plaster/Gypsum mix
 102 LANKOMUR RAGREPAR
 103 LANKOMUR PRÊT
 1001 LANKOMUR FIN
 1002 LANKOMUR EPAIS
 111 LANKOMUR MURCHAPE
 112 LANKOMUR PARBETON
 113 LANKOMUR ERTOMUR
 123 LANKOSOL EPAIS
 133 LANKOSOL MINCE

APPLICATIONS	THICKNESS	101 LANKOMUR PARENDUIT - Cement mix	101 LANKOMUR PARENDUIT - Plaster/Gypsum mix	102 LANKOMUR RAGREPAR	103 LANKOMUR PRÊT	1001 LANKOMUR FIN	1002 LANKOMUR EPAIS	111 LANKOMUR MURCHAPE	112 LANKOMUR PARBETON	113 LANKOMUR ERTOMUR	123 LANKOSOL EPAIS	133 LANKOSOL MINCE
Interior walls, on concrete, render coatings, masonry, cellular concrete	0.3 - 4 mm	✓			✓	✓						
	0.3 - 50 mm		✓									
	1 - 10 mm			✓			✓					
	2 - 10 mm							✓	✓			
	3 - 15 mm						✓					
Exterior walls, on concrete, render coatings	0.3 - 4 mm	✓			✓	✓						
	1 - 10 mm			✓			✓					
	2 - 10 mm							✓	✓			
	3 - 15 mm						✓					
Interior or exterior floors, on concrete or screed	3 - 10 mm											✓
	7 - 20 mm									✓		

PRODUCT TYPE												
Ready-to-use paste				✓								
Semi-ready paste	✓	✓	✓									
Ready-to-mix hydraulic mortar					✓	✓	✓	✓	✓	✓	✓	✓

Paste leveller

Powder leveller

Self-levelling mortar

101 LANKOMUR PARENDUIT

WALL RENDERING PASTE

APPLICATION THICKNESS 0.3 - 4 MM



PRODUCT FEATURES

- ▶ Paste takes the colour of the hydraulic binder after mixing
- ▶ Perfectly smooth finish
- ▶ Excellent trowelability on application

USES

- ▶ Interior and exterior walls in Portland cement mix: 0.3 to 4 mm
- ▶ Interior walls and ceilings in gypsum mix: 0.3 to 50 mm
- ▶ Ceilings
- ▶ Expanded aggregate concrete
- ▶ Primed cellular concrete
- ▶ Gypsum and gypsum tiles
- ▶ Traditional render

SPECIFICATIONS

- ▶ Particle size: < 0.12 mm
- ▶ Hardened product density: 1.4
- ▶ pH: 7.5
- ▶ Pot-life in Portland cement mix: 1 - 2 hours
- ▶ Pot-life in gypsum mix: 30'

INSTRUCTIONS

- ▶ Dampen the substrate before application
- ▶ Mix 1 part **101 LANKOMUR PARENDUIT** with 1 part Portland cement or gypsum
- ▶ Apply two coats with a stainless steel filling knife or trowel (3 to 4 hours between coats)
- ▶ Curing time before covering: 7 days minimum

CONSUMPTION

0.6 to 0.8 kg per m²/mm (pure paste)

PACKAGING

25 kg bucket

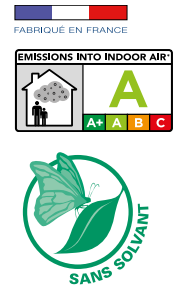
STORAGE

12 months

102 LANKOMUR RAGREPAR

WALL RENDERING PASTE

APPLICATION THICKNESS: 1 TO 10 MM



PRODUCT FEATURES

- ▶ Paste takes the colour of the hydraulic binder after mixing
- ▶ Excellent trowelability on application

USES

- ▶ Interior and exterior walls
- ▶ Ceilings
- ▶ Expanded aggregate concrete
- ▶ Primed cellular concrete
- ▶ Traditional render

SPECIFICATIONS

- ▶ Particle size: < 0.40 mm
- ▶ Hardened product density: 1.6
- ▶ pH: 7.5
- ▶ Pot-life: 1 to 2 hours

INSTRUCTIONS

- ▶ Dampen the substrate before application
- ▶ Mix 1 part **102 LANKOMUR RAGREPAR** with 1 part Portland cement or gypsum
- ▶ Apply two coats with a stainless steel filling knife or trowel (3 to 4 hours between coats)
- ▶ Curing time before covering: 7 days minimum

CONSUMPTION

0.75 to 1 kg per m²/mm (pure paste)

PACKAGING

25 kg bucket

STORAGE

12 months

103 LANKOMUR PRÊT

SURFACE LEVELLING PASTE

APPLICATION THICKNESS: 0.3 TO 4 MM



PRODUCT FEATURES

- ▶ Ready-to-use paste
- ▶ Light grey
- ▶ Very easy application
- ▶ Perfectly smooth finish
- ▶ Excellent trowelability
- ▶ Can be covered after just 24-48 hours

USES

- ▶ Interior and exterior concrete walls
- ▶ Ceilings
- ▶ Coated masonry
- ▶ Glass paste
- ▶ Prefabricated concrete

SPECIFICATIONS

- ▶ Grey paste
- ▶ Particle size < 0.1 mm
- ▶ Hardened product density: 1.8
- ▶ pH: 9

INSTRUCTIONS

- ▶ Dampen the substrate before application
- ▶ Apply two coats with a stainless steel filling knife or trowel (2 hours between coats)
- ▶ Curing time before covering: 24 to 48 hours
- ▶ **103 LANKOMUR PRÊT** can also be sprayed onto the substrate using a spraying machine (e.g. EUROPRO 8P by EUROMAIR)

CONSUMPTION

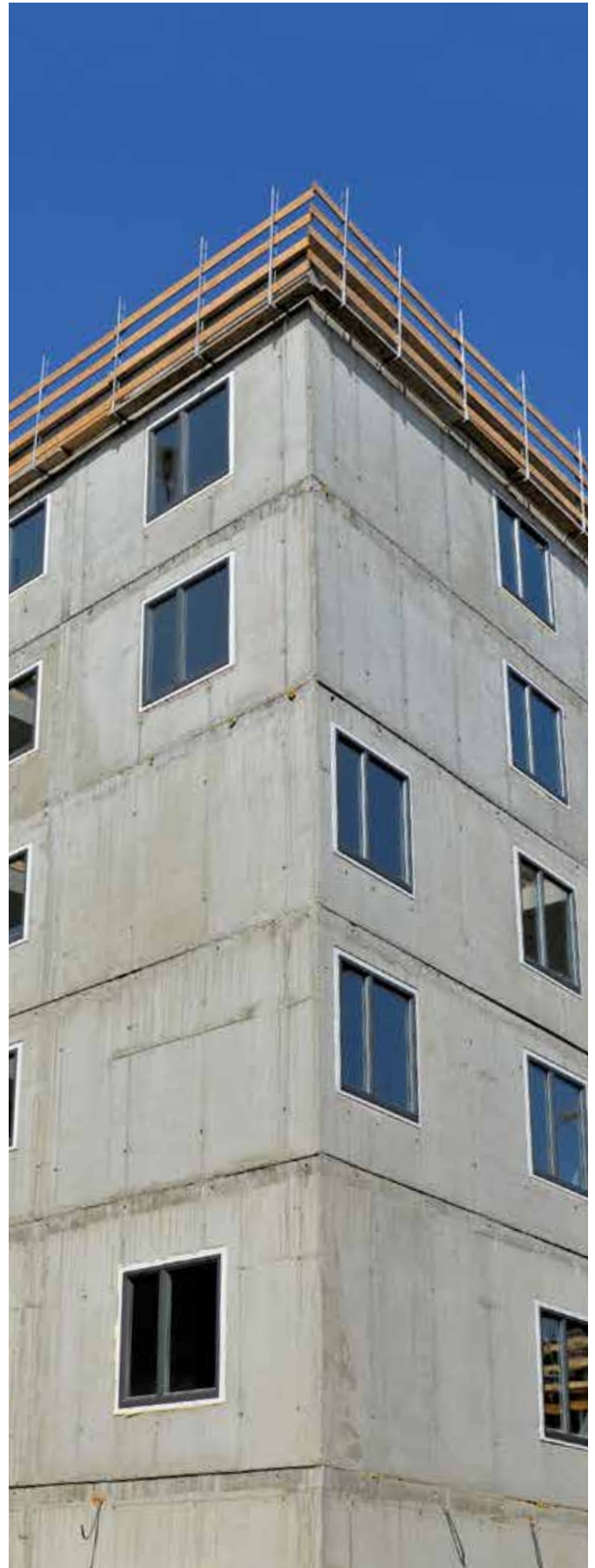
1.8 kg per m²/mm

PACKAGING

25 kg bucket

STORAGE

12 months



1001 LANKOMUR FIN

WALL RENDERING MORTAR

APPLICATION THICKNESS 0.3 - 4 MM

PRODUCT FEATURES

- ▶ Excellent trowelability on application
- ▶ Perfectly smooth finish
- ▶ Performs like a paste after mixing
- ▶ Packed in a handy-size 15 kg bag with a handle
- ▶ Reduced dust emission (up to 90% less dust)

USES

- ▶ Interior and exterior walls
- ▶ Interior and exterior ceilings

SPECIFICATIONS

- ▶ Colours: grey - light grey
- ▶ Particle size: < 0.20 mm
- ▶ pH: 12
- ▶ Pot life: 90' approx. at 20°C

INSTRUCTIONS

- ▶ Dampen substrate prior to application
- ▶ Mix one 15 kg bag of **1001 LANKOMUR FIN** with 5.4 to 6.15 litres of water
- ▶ Apply two coats with a stainless steel filling knife or trowel (1 to 1½ hours between coats at 20°C)
- ▶ Curing time before covering: 7 days minimum

CONSUMPTION

1 kg per m²/mm

PACKAGING

15 kg bag

STORAGE

12 months



1002 LANKOMUR ÉPAIS

WALL RENDERING MORTAR

APPLICATION THICKNESS 1 - 10 MM

PRODUCT FEATURES

- ▶ Excellent trowelability on application
- ▶ Perfectly smooth finish
- ▶ Performs like a paste after mixing
- ▶ Packed in a handy-size 15 kg bag with a handle
- ▶ Reduced dust emission (up to 90% less dust)



USES

- ▶ Interior and exterior walls
- ▶ Interior and exterior ceilings

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: < 0.4 mm
- ▶ pH: 12
- ▶ Pot life: 90' approx. at 20°C

INSTRUCTIONS

- ▶ Dampen substrate prior to application
- ▶ Mix one 15 kg bag of **1002 LANKOMUR ÉPAIS** with 5.25 to 6.15 litres of water
- ▶ Apply two coats with a stainless steel filling knife or trowel (1 to 1½ hours between coats at 20°C)
- ▶ Curing time before covering: 7 days minimum

CONSUMPTION

1 kg per m²/mm

PACKAGING

15 kg bag

STORAGE

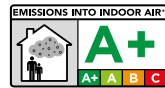
12 months



111 LANKOMUR MURCHAPE

WALL RENDERING MORTAR

APPLICATION THICKNESS 3 - 15 MM



PRODUCT FEATURES

- ▶ Making good up to thicknesses of 15 mm
- ▶ Suitable for a wide range of wallcoverings

USES

- ▶ Interior and exterior walls

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: < 1.5 mm
- ▶ Hardened product density: 1.7
- ▶ pH: 12
- ▶ Pot life: 2 hours approx. at 20°C

INSTRUCTIONS

- ▶ Dampen substrate prior to application
- ▶ Mix one 25 kg bag of **111 LANKOMUR MURCHAPE** with 4.9 to 5.3 litres of water
- ▶ Apply two coats with a stainless steel filling knife or trowel (1 to 1½ hours between coats at 20°C)
- ▶ Curing time before covering: 7 days minimum

CONSUMPTION

1.5 kg per m²/mm

PACKAGING

25 kg bag

STORAGE

12 months

112 LANKOMUR PARBETON

WALL RENDERING MORTAR

APPLICATION THICKNESS 2 - 10 MM



PRODUCT FEATURES

- ▶ Fine grain
- ▶ Making good up to thicknesses of 10 mm
- ▶ Suitable for a wide range of wallcoverings

USES

- ▶ Interior and exterior walls

SPECIFICATIONS

- ▶ Colours: grey and light-grey
- ▶ Particle size: < 0.5 mm
- ▶ Hardened product density: 1.7
- ▶ pH: 12
- ▶ Pot life: 2 hours approx. at 20°C

INSTRUCTIONS

- ▶ Dampen substrate prior to application
- ▶ Mix one 25 kg bag of **112 LANKOMUR BETON** with 5.2 to 5.8 litres of water
- ▶ Curing time before covering: 7 days minimum

CONSUMPTION

1.5 kg per m²/mm

PACKAGING

25 kg bag

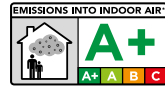
STORAGE

12 months

113 LANKOMUR ERTOMUR

WALL RENDERING MORTAR

APPLICATION THICKNESS 2 - 10 MM



PRODUCT FEATURES

- ▶ Fine grain
- ▶ Making good on thicknesses up to 10 mm
- ▶ Suitable for small thickness application
- ▶ Suitable for a wide range of wallcoverings

USES

- ▶ Interior and exterior walls

SPECIFICATIONS

- ▶ Colours: grey and light-grey
- ▶ Particle size: < 0.5 mm
- ▶ Hardened product density: 1.7
- ▶ pH: 12
- ▶ Pot life: 2 hours approx. at 20°C

INSTRUCTIONS

- ▶ Dampen substrate prior to application
- ▶ Mix one 25 kg bag of **113 LANKOMUR ERTOMUR** with 5 to 6 litres of water
- ▶ Curing time before covering: 7 days minimum

CONSUMPTION

15 kg per m²/mm

PACKAGING

25 kg bag

STORAGE

12 months

PRO TIP

Allow to draw before finishing by lightly rubbing in a circular motion with a synthetic sponge or a piece of polystyrene.



LEVELLING - FLOOR LEVELLERS

123 LANKOSOL ÉPAIS

SELF-LEVELLING MORTAR

INTERIOR/EXTERIOR FLOORS

APPLICATION THICKNESS: 7 TO 20 MM

PRODUCT FEATURES

- ▶ Self-levelling
- ▶ Can be covered or left bare

USES

- ▶ Suitable for balconies, terraces and private garages (not public car parks)

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: < 4 mm
- ▶ Hardened product density: 2
- ▶ pH: 12
- ▶ Pot life: 20' approx. at 20°C

INSTRUCTIONS

- ▶ On normal substrates, dampen the surface and apply a slurry of **123 LANKOSOL ÉPAIS** mixed with a solution of 1/3 **751 LANKOLATEX** and 2/3 water
- ▶ On porous and absorbent substrates, apply **124 PROLIPRIM** primer to a dry surface
- ▶ On smooth and sealed substrates, apply **162 PRIMAPRENE** primer to a dry surface
- ▶ Mix one 25 kg bag of **123 LANKOSOL ÉPAIS** with 3.5 to 4 litres of water
- ▶ Pour the mortar onto the substrate, level with a screed board and then finish with a bubble-removing roller

CONSUMPTION

1.9 kg per m²/mm

PACKAGING

25 kg bag

STORAGE

12 months



FABRIQUÉ EN FRANCE



PRIMING



124 PROLIPRIM

Primer for porous or normally absorbent substrates.

124 PROLIPRIM regulates substrate porosity and facilitates the application of levelling mortar.

- ▶ Interior and exterior floors
- ▶ Fast drying: 30' to 2 hours
- ▶ Reinforces substrate cohesion

133 LANKOSOL MINCE

SELF-LEVELLING MORTAR

INTERIOR/EXTERIOR FLOORS

APPLICATION THICKNESS: 3 TO 10 MM

PRODUCT FEATURES

- ▶ Self-levelling
- ▶ Can be covered or left bare



FABRIQUE EN FRANCE



USES

- ▶ Suitable for balconies, terraces and private garages (not public car parks)

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: < 1.5 mm
- ▶ Hardened product density: 1.9
- ▶ pH: 12
- ▶ Pot life: 20' approx. at 20°C

INSTRUCTIONS

- ▶ On normal substrates, dampen the surface and apply a slurry of **133 LANKOSOL MINCE** mixed with a solution of **1/3 751 LANKOLATEX** and 2/3 water
- ▶ On porous and absorbent substrates, apply **124 PROLIPRIM** primer to a dry surface
- ▶ On smooth and sealed substrates, apply **162 PRIMAPRENE** primer to a dry surface
- ▶ Mix one 25 kg bag of **133 LANKOSOL MINCE** with 3.8 to 4.2 litres of water
- ▶ Pour the mortar onto the substrate, level with a screed board and then finish with a bubble-removing roller



162 PRIMAPRENE PLUS

162 PRIMAPRENE PLUS creates a bonding key on smooth and sealed substrates. It improves the hardness and condition of the substrate surface by preventing the formation of bubbles.

- ▶ Interior and exterior floors
- ▶ Improves the bonding strength of rendering coats
- ▶ Reinforces substrate cohesion
- ▶ Drying time: 1 to 3 hours
- ▶ Solvent-free

CONSUMPTION

1.9 kg per m²/mm

PACKAGING

25 kg bag

STORAGE

12 months

6

WEATHERSTRIPPING



SELECTION GUIDE

1020 LANKOPREDAL

660 LANKOSCELKONE

662 LANKOCEM

APPLICATIONS				
Specific tasks	Bonding concrete cones		✓	✓
Joint weatherstripping	Concrete preslabs	✓		
	Prefabricated indoor walls	✓		
	Horizontal & vertical joints			✓
PRODUCT TYPE				
Ready-to-use paste			✓	
Ready-to-mix hydraulic mortar	✓			✓

WEATHERSTRIPPING

1020 LANKOPREDAL

FINE JOINT-FILL MORTAR

PRESLABS AND INDOOR PREFABRICATED WALLS

PRODUCT FEATURES

- ▶ Strong bonding to substrate
- ▶ Excellent application quality
- ▶ Good finish quality
- ▶ Packed in a handy-size 15 kg bag with a handle
- ▶ Reduced dust emission (up to 90% less dust)



USES

- ▶ Interior and exterior ceilings
- ▶ Joints between indoor prefabricated walls

SPECIFICATIONS

- ▶ Colour: white
- ▶ Particle size: < 0.4 mm
- ▶ pH: 12
- ▶ Pot life: 3 hours approx. at 20°C

CONSUMPTION
130 to 150 linear meters of joint with 1 cm² section / 15kg bag

PACKAGING
15 kg bag

STORAGE
12 months

INSTRUCTIONS

- ▶ Dampen substrate prior to application
- ▶ Mix one 15 kg bag of 1020 LANKOPREDAL with 4.05 to 4.65 litres of water
- ▶ Coat the two interior sides of the joint with the product before filling the joints to the brim
- ▶ Users are advised to comply with instructions set out in the "Qualiprédal" guidelines (in French) published by F.I.B. and U.M.G.O.
- ▶ Please refer to building regulations in force (e.g. for France DTU 59.1) for details of covering

Fig. 1 - Treatment of finish coating

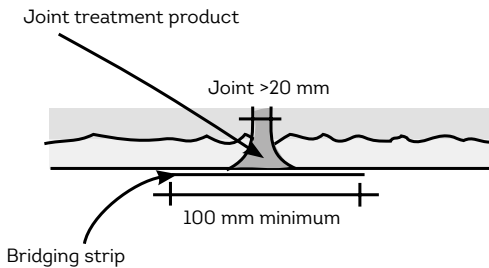
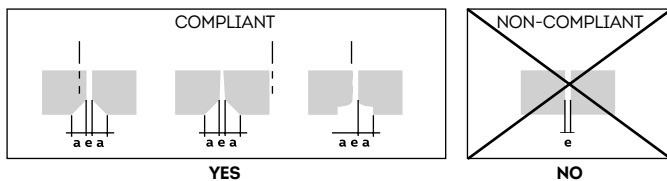


Fig. 2 - Shape of joints

Dimension "a" is stipulated by the manufacturer (a ≥10 mm)
Dimension "e" is set by the building firm when applying the product



660 LANKOSCELKONE

ADHESIVE PASTE FOR PRECAST

CONCRETE CONES



PRODUCT FEATURES

- ▶ Ready-to-use
- ▶ High performance
- ▶ Suitable for up to 250 concrete cones

USES

- ▶ Concrete walls

SPECIFICATIONS

- ▶ Colour: light grey
- ▶ Particle size: < 0.5 mm
- ▶ pH: 8.5 ± 0.1
- ▶ Pot life: 30' approx. at 20°C

INSTRUCTIONS

- ▶ Soak each cone in the bucket containing **660 LANKOSCELKONE** making sure that it is entirely coated with paste
- ▶ Insert the cone into the hole with a circular movement

CONSUMPTION

60g to 100 g per cone

PACKAGING

15 kg bucket

STORAGE

12 months

PRO TIP

For totally watertight bonding of precast concrete cones, **662 LANKOCEM** mortar should be used.

662 LANKOCEM

WEATHERSTRIPPING MORTAR,

FILLING HORIZONTAL OR VERTICAL JOINTS



PRODUCT FEATURES

- ▶ Suitable for bonding concrete elements
- ▶ Low modulus of elasticity
- ▶ Impermeable bonding of precast concrete cones
- ▶ Resistant to hydrocarbons

USES

- ▶ All interior and exterior work requiring a product with a low modulus of elasticity
- ▶ Filling horizontal and vertical joints
- ▶ Watertight bonding of concrete cones
- ▶ Bonding concrete elements and natural stone (excluding façades)
- ▶ Weatherstripping of pipe cladding
- ▶ Sealing and assembly of concrete funeral and burial elements
- ▶ Permanent immersion in e.g. water tanks, manure pits
- ▶ Bonding of insulation material to hydraulic coatings and finishing on below ground elements

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: < 0.4 mm
- ▶ pH: 12
- ▶ Resistance threshold in aggressive environments: pH 5.5
- ▶ Pot life: 60' approx. at 20°C

INSTRUCTIONS

- ▶ Mix one 25 kg bag of **662 LANKOCEM** with 4.3 to 5.5 litres of water
- ▶ Work with small quantities (4 to 5 kg), so as to always have a product which is flexible and easy to apply
- ▶ Apply to a dampened substrate

CONSUMPTION

Variable according to use

PACKAGING

25 kg bag

STORAGE

12 months

7

**TREATMENT OF
JOINTS AND CRACKS
AND PREVENTION
OF WATER INTAKE
LEAKAGE**



SELECTION GUIDE

261 LANKOBAND

264 LANKOCAST SW20
265 LANKOCAST SW10

266 LANKOCAST MASTIC

224 LANKOPLUG

APPLICATIONS		261 LANKOBAND	264 LANKOCAST SW20 265 LANKOCAST SW10	266 LANKOCAST MASTIC	224 LANKOPLUG
Treatment of roofs and façades	Local treatment	✓			
	Fractionation joints in shear walls		✓	✓	
Special structures	Prevention of leaks with high-pressure water intake				✓
Basement interiors	Prevention of leaks with high-pressure water intake				✓

PRODUCT TYPE					
Self-adhesive bituminous sealing strip	261 LANKOBAND	✓			
Ultrafast-setting hydraulic mortar	266 LANKOCAST MASTIC				✓
Expanding elastomer strip	264 LANKOCAST SW20 265 LANKOCAST SW10		✓		
Single-component expanding elastomer sealant	266 LANKOCAST MASTIC			✓	

Sealing strip

Hydro-expansive joints

Rapid prevention of water leakage

261 LANKOBAND

SELF-ADHESIVE SEALING STRIP

PRODUCT FEATURES

- ▶ Protection and repairs to roofing and terraces
- ▶ Resistant to weathering and UV rays
- ▶ Malleable
- ▶ High tear and crush resistance
- ▶ Waterproof and water-resistant



USES

- ▶ Rapid repairs to roofs, façades and terraces: roof tile pointing, window frames, overhangs, skylights, ventilation ducts, chimney surrounds
- ▶ Protection, dressing and repairs to cant strips and gutters
- ▶ Bridging cracks and masonry joints
- ▶ Permissible substrates: concrete, mortar (with **211 LANKOBLACK VERNIS**) glass, PVC, fibre cement, wood, aluminium, zinc, geotextile

SPECIFICATIONS

- ▶ Thickness: 1 mm
- ▶ Surface density: 1 kg per m²
- ▶ Ultimate longitudinal traction strength (EN 12311-1): 130 N/5 cm
- ▶ Ultimate transversal traction strength (EN 12311-1): 170 N/5 cm
- ▶ Longitudinal nail tear resistance (UEAtc): 40 N
- ▶ Transversal nail tear resistance (UEAtc): 20 N
- ▶ Tack at 10°C: 30 N/5 cm

INSTRUCTIONS

- ▶ Apply **261 LANKOBAND**, pressing firmly with a cloth
- ▶ On porous substrates, apply a coat of **211 LANKOBLACK VERNIS** in advance

PACKAGING

- 10 m roll
- Slate colour: widths of 100, 150, 200, 300 mm
- Roof-tile colour: widths of 200, 300 mm

STORAGE

24 months



264 / 265 LANKOCAST SW 20 / 10

HYDRO-EXPANSIVE CONSTRUCTION JOINTS:

WATERPROOFING OF JOINTS IN SHEAR WALLS

PRODUCT FEATURES

- ▶ Direct bonding to substrates, even when slightly damp
- ▶ Remains stable in damp/dry cycles
- ▶ Provides long-lasting waterproof protection of partition joints



INSTRUCTIONS

- ▶ The joint is positioned in the middle of the concrete shear wall, between the reinforcement plates and at a minimum distance of 75 mm for **265 LANKOCAST SW10** and 80 mm for **264 LANKOCAST SW20**
- ▶ Minimum shear wall thickness (with two reinforcement plates): 160 mm for **265 LANKOCAST SW10** and 200 mm for **264 LANKOCAST SW20**
- ▶ Joints can be fixed in place with adhesive, or mechanically, or with a combination of both systems
- ▶ Adhesive:
 - On dry, smooth or rough concrete: with **266 LANKOCAST MASTIC**
 - On damp substrates, or in rainy weather, reinforce bonding with nails

USES

- ▶ **LANKOCAST SW** is available in two different formats. Choice will be based on three criteria: (1) thickness of shear wall in which the joint will be placed, (2) target expansion range and (3) environment in which the joint will be active
- ▶ **265 LANKOCAST SW10**: concrete shear walls between 190 and 200 mm thick
- ▶ **264 LANKOCAST SW20**: concrete shear walls more than 200 mm thick
- ▶ **LANKOCAST SW** joints are suitable for use in the following Construction and Civil Engineering applications: building infrastructures (e.g. foundations, car parks, lift shafts), pools, basins, water tanks, walkways, crawl space, sewers, gutters

SPECIFICATIONS

- ▶ Section: 10 x 20 mm (264 LANKOCAST SW20),
5 x 20 mm (265 LANKOCAST SW10)
- ▶ Colours: black and red
- ▶ Tensile strength: ± 1.5 N/mm²
- ▶ Elongation: $\pm 220\%$
- ▶ Volumetric expansion: at least 3 times its initial volume
- ▶ Temperature range for application (substrate and air): 5°C to 35°C
- ▶ Hydrostatic pressure resistance: 0.5 MPa

PACKAGING

- **264 LANKOCAST SW20**: box of 10 x 10 m rolls
- **265 LANKOCAST SW10**: box of 10 x 15 m rolls

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry, well-ventilated conditions.



266 LANKOCAST MASTIC

HYDRO-EXPANSIVE CONSTRUCTION JOINTS:

MASTIC ADHESIVE

PRODUCT FEATURES

- ▶ Excellent bonding, even on irregular concrete surfaces
- ▶ Quick and easy application
- ▶ Retains its properties over time
- ▶ Resistant to damp/dry cycles in concrete



USES

- ▶ Waterproofing of construction joints and joints between prefabricated elements
- ▶ Waterproofing of passageways through partition walls (pipes, sealed elements etc)
- ▶ Bonding of **LANKOCAST SW** hydro-expansive joints
- ▶ **266 LANKOCAST MASTIC** can be applied to concrete, PVC, HDPE, steel, etc

SPECIFICATIONS

- ▶ Appearance: white paste
- ▶ Skin formation time (20°C, 60% HR): 12 hours approx.
- ▶ Flash point: > 130°C
- ▶ Vertical slump: 3 mm
- ▶ Elongation at breaking point: ± 625%
- ▶ Tensile strength: ± 2.2 N/mm²
- ▶ Volumetric expansion on contact with water: up to 350% of initial volume
- ▶ Temperature range for application (substrate and air): 5°C to 35°C

INSTRUCTIONS

- ▶ **266 LANKOCAST MASTIC** is applied with a manual or pneumatic gun, taking care to squeeze out a continuous, regular bead with a minimum diameter of 15 mm
- ▶ Recommended drying time after extrusion: 24 hours before casting concrete
- ▶ Once applied, and before casting second phase concrete, the joint must be protected from heavy rain so as to prevent premature expansion

CONSUMPTION

1.5 metres approx. per 310 ml cartridge for a 15 mm diameter bead

PACKAGING

Box of 12 x 310 ml cartridges

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions at a temperature between 5°C and 30°C



224 LANKOPLUG

WATERWAY SEALING MORTAR

PRODUCT FEATURES

- ▶ Ultra-fast setting
- ▶ Suitable for use under water
- ▶ Very high-pressure resistance



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USES

- ▶ Plugging of waterways at floor/wall, wall/wall, wall/apron meeting points (e.g. in cellars, underground car parks, lift shafts, garage pits, manholes, silos, underground constructions...)
- ▶ Sealing of injectors, drains, etc

CONSUMPTION

1.7 kg of powder for a final volume of 1 litre

PACKAGING

5 kg and 25 kg buckets

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions and protected from frost and high temperatures

INSTRUCTIONS

STANDARD APPLICATION

- ▶ Apply the product by hand and press firmly for several seconds until hardened
- ▶ Do not knead during application. High-flow waterways should be sealed in several stages
- ▶ The treated area must be cooled and kept damp for 15' approx

SPECIFIC APPLICATION

- ▶ Sealing wall-floor joints: where the leak appears, make a regular incision at least 2cm wide and deep
- ▶ High pressure leaks: make the hole as regular as possible. Begin filling the areas that are subject to the lowest pressure and work in stages towards the high pressure area
- ▶ For the final seal, make a ball of mortar and press firmly



8

CONCRETE

REPAIRS



SELECTION GUIDE

731 LANKOREP STRUCTURE

735 LANKOREP RAPIDE

770 LANKOREP RAPIDE

780 LANKOREP FIN RAPIDE

730 LANKOREP FLUIDE

732 LANKOREP FIN

APPLICATIONS		THICKNESS	R4	R4	R3	R3	R2	R2
Concrete surface repairs	Building / Civil Engineering	1 - 40 mm						✓
		2 - 70 mm			✓		✓	
		5 - 70 mm	✓	✓				
		15 - 250 mm				✓		
	Weatherstripping passive cracks			✓	✓	✓		✓

PRODUCT TYPE								
Ready-to-mix single component hydraulic mortar			✓	✓	✓	✓	✓	✓

Standard-compliant structural repairs

731 LANKOREP STRUCTURE

STANDARD-COMPLIANT STRUCTURAL REPAIRS

PRODUCT FEATURES

- ▶ Excellent resistance to sea water, sulphated water and de-icing salts

USES

- ▶ Repair of concrete surfaces: spalling, honeycombing, stair nosing
- ▶ Concrete restructuring: pillars, slabs, posts, dam aprons and spillways, etc
- ▶ Reinforcement of weakened structures e.g. balconies, overhangs, cornices
- ▶ Treatment of chamfers and seams prior to waterproofing
- ▶ Treatment of passive cracks

SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 2 mm
- ▶ Hardened product density: 2
- ▶ Abrams cone slump: 2 cm
- ▶ Mortar pH: 12.5
- ▶ 5 to 70 mm thickness per coat
- ▶ Flexural strength at 20°C (EN 12190): 9 MPa at 28 days
- ▶ Compressive strength at 20°C (EN 12190): 65 MPa at 28 days

INSTRUCTIONS

- ▶ Soak the substrate with water prior to application
- ▶ Mix with clean water (3.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Mix for at least 5 minutes until a homogenous mixture has been obtained
- ▶ No water must be added during application
- ▶ Apply a first coat of **731 LANKOREP STRUCTURE** with a trowel, pressing firmly to ensure effective bonding
- ▶ After finishing, protect the mortar from drying out by applying **742 LANKOCURING**, taking care to moisten but not soak the surface
- ▶ Pot life: 30' approx. at 20°C
- ▶ Setting time (20°C): initial 2 hours, final 3 hours

CONSUMPTION

2 kg per m² per mm thickness

PACKAGING

25 kg long storage bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions



735 LANKOREP RAPIDE

STANDARD-COMPLIANT STRUCTURAL REPAIRS

PRODUCT FEATURES

- ▶ Excellent resistance to sea water, sulphated water and de-icing salts
- ▶ Very high bonding capacity
- ▶ Application thickness: 5 - 70 mm per coat
- ▶ Can be painted over after 24 hours

USES

- ▶ Repair of concrete surfaces: spalling, honeycombing, stair nosing, prefabricated elements
- ▶ Concrete restructuring: pillars, slabs, posts, dam aprons and spillways, structures in tidal zones
- ▶ Reinforcement of weakened structures e.g. balconies, overhangs, cornices
- ▶ Treatment of chamfers and seams prior to waterproofing
- ▶ Treatment of passive cracks

SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 2 mm
- ▶ Hardened product density: 2
- ▶ Abrams cone slump: 2 cm
- ▶ Mortar pH: 12.5
- ▶ 5 to 70 mm thickness per coat
- ▶ Flexural strength at 20°C (EN 12190): 9 MPa at 28 days
- ▶ Compressive strength at 20°C (EN 12190): 55 MPa at 28 days

INSTRUCTIONS

- ▶ Soak the substrate with water prior to application
- ▶ Mix with clean water (3.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Mix for at least 5 minutes until a homogenous mixture has been obtained
- ▶ No water must be added during application
- ▶ Apply a first coat of **735 LANKOREP RAPIDE** with a trowel, pressing firmly to ensure effective bonding then build up the thickness to a maximum of 70 mm in one single operation
- ▶ After finishing, protect the mortar from drying out by applying **742 LANKOCURING**, taking care to moisten but not soak the surface
- ▶ Pot life: 10' - 15' approx. at 20°C
- ▶ Can be painted over after 24 hours
- ▶ Setting time (20°C): initial 40', final 60'

CONSUMPTION

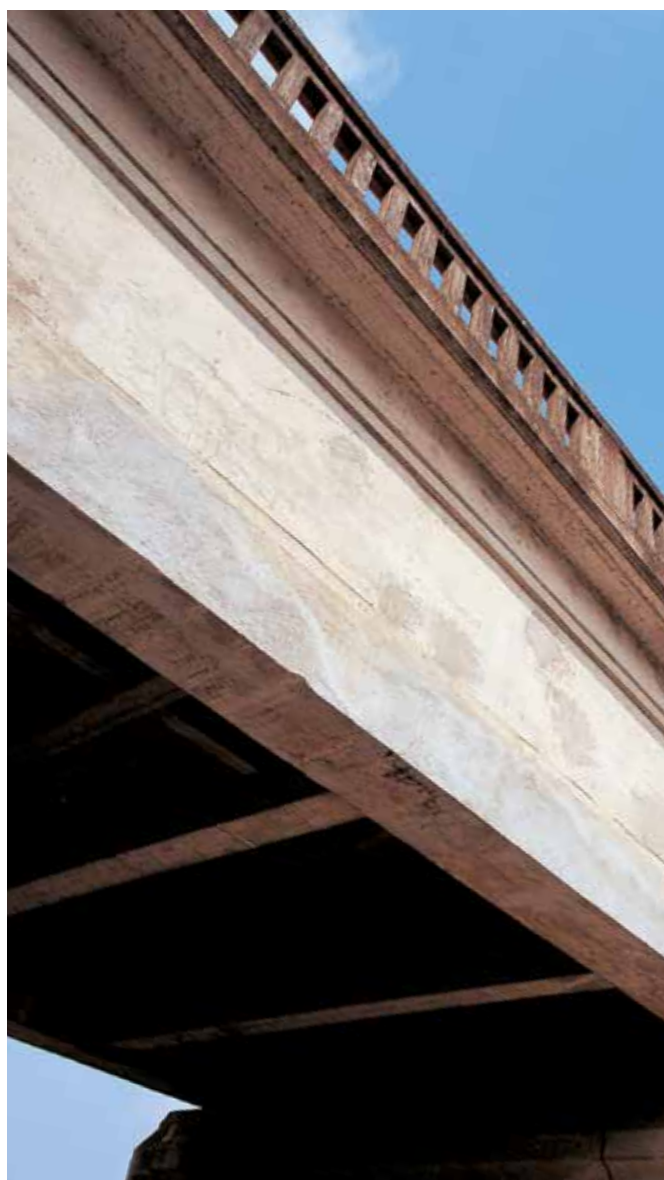
2 kg per m² per mm thickness

PACKAGING

25 kg long storage bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions



770 LANKOREP FIN RAPIDE

FINE, RAPID, FIBRE-ENRICHED,

SHRINKAGE-COMPENSATING REPAIR MORTAR

PRODUCT FEATURES

- ▶ Excellent resistance to sea water
- ▶ Very high bonding capacity
- ▶ Application thickness: 2 - 70 mm per coat
- ▶ Can be painted over after 24 hours
- ▶ Fine and rapid
- ▶ High initial and final resistance
- ▶ Significantly delays carbonation penetration
- ▶ Compliant with standard NF EN 1504-3 R3



USES

- ▶ Repair of concrete surfaces: spalling, honeycombing, stair nosing, precast elements, etc
- ▶ Concrete restructuring: balconies, terraces, slabs, ramps, thin screed, etc
- ▶ Repairs to private swimming pools and basins
- ▶ Treatment of passive cracks
- ▶ Treatment of chamfers and seams prior to waterproofing

SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 0.8 mm
- ▶ Hardened product density: 2.1 ± 0.1
- ▶ Abrams cone slump: 2.5 cm
- ▶ Mortar pH: 12.5
- ▶ 2 to 70 mm thickness per coat
- ▶ Bond strength by pull-off test in compliance with EN1542: ≥ 1.5 MPa
- ▶ Flexural strength at 20°C (EN 12190): 10 MPa at 28 days
- ▶ Compressive strength at 20°C (EN 12190): 50 MPa at 28 days

INSTRUCTIONS

- ▶ Soak the substrate with water prior to application
- ▶ Mix with clean water (3.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Mix for at least 5 minutes until a homogenous mixture has been obtained
- ▶ No water must be added during application
- ▶ Apply a first coat of **770 LANKOREP FIN RAPIDE** with a trowel, pressing firmly to ensure effective bonding then build up the thickness to a maximum of 70 mm in one single operation
- ▶ After finishing, protect the mortar from drying out by applying **742 LANKOCURING**, taking care to moisten but not soak the surface
- ▶ Pot life: 35' approx. at 20°C
- ▶ Can be painted over after 24 hours
- ▶ Setting time (20°C): initial 60', final 90'



CONSUMPTION
2 kg per m² per mm thickness

PACKAGING
25 kg long storage bag

STORAGE
12 months from date of manufacture if kept in unopened original packaging in dry conditions

780 LANKOREP FLUIDE

POURABLE, SHRINKAGE-COMPENSATING

REPAIR MORTAR

PRODUCT FEATURES

- ▶ Application thickness: 15 to 250 mm maximum
- ▶ Formwork removal after 4 hours at 20°C
- ▶ Very high bonding capacity
- ▶ Compliant with standard NF EN 1504-3 R3



USES

- ▶ Non-vibration restructuring of damaged elements: pillars, beams, slabs, posts, dam aprons
- ▶ Reinforcement of weakened structures: balconies, overhangs, cornices...
- ▶ Tie and clamp casting
- ▶ Keying of knots in beams, pillars and posts
- ▶ Sporadic floor repairs

SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 5 mm
- ▶ Hardened product density: 2.1 ± 0.1
- ▶ 15 to 250 mm total application thickness
- ▶ Flexural strength at 20°C (EN 12190): 7 MPa at 28 days
- ▶ Compressive strength at 20°C (EN 12190): 50 MPa at 28 days

INSTRUCTIONS

- ▶ Soak the substrate with water prior to application
- ▶ Mix with clean water by hand with a trowel and trough or by machine (cement mixer or electric mixer). Mix for at least 5 minutes until a homogenous mixture has been obtained
- ▶ No water must be added during application
- ▶ In view of its fluid consistency, **780 LANKOREP FLUIDE** is applied by pouring onto a damp substrate from which all surface water has been removed
- ▶ If formwork is used, it must be completely watertight
- ▶ **780 LANKOREP FLUIDE** must not be subjected to vibrations
- ▶ Dosage / Yield for one 25 kg bag:
3.5 litres water for a final volume of 12.5 litres, 4 litres water for a final volume of 13 litres
- ▶ After finishing, protect the mortar from drying out by applying **742 LANKOCURING**, taking care to moisten but not soak the surface
- ▶ Pot life: 30' approx. at 20°C
- ▶ Setting time (20°C): initial 45', final 90'



CONSUMPTION

2.2 kg per m² per mm thickness

PACKAGING

25 kg long storage bag

STORAGE

9 months from date of manufacture if kept in unopened original packaging in dry conditions

CONCRETE REPAIRS

730 LANKOREP FIN

FIBRE-REINFORCED SHRINKAGE-COMPENSATING

REPAIR MORTAR APPLICATION

THICKNESS: 2 - 70 MM PER COAT

PRODUCT FEATURES

- ▶ Thixotropic
- ▶ High compactness
- ▶ High initial and final mechanical strength
- ▶ Excellent resistance to sea water
- ▶ Compliant with standard EN 1504-3



FABRIQUÉ EN FRANCE



USES

- ▶ Repair of concrete surfaces: spalling, honeycombing, stair nosing, precast elements, etc
- ▶ Concrete restructuring: balconies, terraces, slabs, ramps, thin cementitious screed, etc
- ▶ Repair and resurfacing of private swimming pools and basins
- ▶ Treatment of passive cracks

SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 0.8 mm
- ▶ Hardened product density: 1.8
- ▶ Abrams cone slump: 2 cm
- ▶ Mortar pH: 12.5
- ▶ 2 to 70 mm thickness per coat
- ▶ Flexural strength at 20°C (EN 12190): 7.5 MPa at 28 days
- ▶ Compressive strength at 20°C (EN 12190): 35 MPa at 28 days

INSTRUCTIONS

- ▶ Soak the substrate with water prior to application
- ▶ Mix with clean water (4.25 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Mix for at least 3 minutes until a homogenous mixture has been obtained
- ▶ No water must be added during application
- ▶ Apply a first coat of **730 LANKOREP FIN** with a trowel, pressing firmly to ensure effective bonding then build up the thickness to a maximum of 70 mm in one single operation
- ▶ After finishing, protect the mortar from drying out by applying **742 LANKOCURING**, taking care to moisten but not soak the surface
- ▶ Pot life: 30' approx. at 20°C
- ▶ Setting time (20°C): initial 3 hours, final 4 hours



CONSUMPTION

2 kg per m² per mm thickness

PACKAGING

25 kg long storage bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions

732 LANKOREP FAÇADE

FIBRE-REINFORCED SHRINKAGE-COMPENSATING

REPAIR MORTAR APPLICATION

THICKNESS: 1 - 40 MM PER COAT

PRODUCT FEATURES

- ▶ Application thickness 1 - 40 mm per coat
- ▶ Can be applied in thick layers
- ▶ Thixotropic
- ▶ Smooth finish
- ▶ Can be painted over after 24 hours
- ▶ Fast setting and hardening
- ▶ Compliant with European standard EN 1504-3

USES

- ▶ Repair of concrete facades, spalling, honeycombing, balcony sills, overhangs, soffits, cornices
- ▶ Debubbling of vertical concrete surfaces prior to painting

SPECIFICATIONS

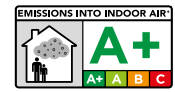
- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 0.4 mm
- ▶ Hardened product density: 2
- ▶ Abrams cone slump: 2 cm
- ▶ Mortar pH: 12.5
- ▶ 1 to 40 mm thickness per coat
- ▶ Flexural strength at 20°C (EN 12190): 7 MPa at 28 days
- ▶ Compressive strength at 20°C (EN 12190): 40 MPa at 28 days

INSTRUCTIONS

- ▶ Soak the substrate with water prior to application
- ▶ Mix with clean water (4.5 - 5.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Mix for at least 3 minutes until a homogenous mixture has been obtained
- ▶ No water must be added during application
- ▶ Apply a first coat of **732 LANKOREP FAÇADE** with a trowel, pressing firmly to ensure effective bonding then build up the thickness to a maximum of 40 mm in one single operation
- ▶ After finishing, protect the mortar from drying out by applying **742 LANKOCURING**, taking care to moisten but not soak the surface
- ▶ Pot life: 30' approx. at 20°C
- ▶ Setting time (20°C): initial 60', final 2½ hours



FABRIQUÉ EN FRANCE



CONSUMPTION

2 kg per m² per mm thickness

PACKAGING

25 kg long storage bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions

9

SEALING

AND BEDDING



SELECTION GUIDE

700 CLAVEXPRESS

705 CLAVEX+

729 LANKOSCELFAS

APPLICATIONS				
Sealing rebars and anchoring rods	Fast-setting, less than 2 hours	✓		✓
	Compressive strength at 24h less than 45 Mpa		✓	
	Compressive strength at 24h more than 45 Mpa	✓		✓
Bedding, underpinning	Small thicknesses		✓	

PRODUCT TYPE				
Ready-to-mix hydraulic mortar	✓	✓		
Epoxy resin in cartridge format				✓

700 CLAVEXPRESS

SHRINKAGE-COMPENSATING SEALING MORTAR

PRODUCT FEATURES

- ▶ Fast setting and hardening
- ▶ Excellent pull-out resistance after 24 hours
- ▶ High mechanical strength
- ▶ **Compliant with:**
 - Standard NF EN - 1504-6
 - Standards ASTM C-642, C-672, C-682 - Category R
 - SCETAURROUTE "resistance to severe frost" test report in compliance with P 18-424
 - Sealing product compliant with French standard NF030



USES

- ▶ Sealing of steel rebars for reinforced concrete, anchor bolts, assembly of concrete elements by wedged keying, notch filling, underpinning
- ▶ Sealing of foundation blocks and construction pillars, when made up as micro-concrete; caulking of bridge bearing

SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 1 mm
- ▶ Hardened product density: 2.1
- Pull-out resistance after 24 hours** - tests performed in compliance with EN 1881 (ceiling position)
 - Drill-hole diameter: 30 mm
 - HA steel bar: Ø 16 mm
 - Anchoring depth: 150 mm
 - Displacement with traction of 75 kN: < 0.6 mm
 - Maximum traction force: 100 kN
- Bond stress after 1 day (MPa):**
Concrete: 5.5; HA steel bar: 15
- Compressive strength:**
45 MPa (1 day), 70 MPa (7 days), 75 MPa (28 days)
- Flexural strength:**
8 MPa (1 day), 10 MPa (7 days), 12 MPa (28 days)

INSTRUCTIONS

- ▶ Soak the substrate with water prior to application
- ▶ Mix with clean water (3.2 - 3.5 L for one 25 kg bag) with a fast-speed electric mixer for at least 3 minutes
- ▶ The diameter of the holes must be equal to at least the diameter of the rebar + 20 to 30 mm
- ▶ Clean the sealing hole thoroughly and dampen the surface
- ▶ Position the rebar in the hole and pour the mortar
- ▶ As soon as the mortar begins to set, the exposed surface should be treated with a curing product (**742 LANKOCURING**)
- ▶ Pot life at 20°C: 20' (plastic consistency), 45' (fluid consistency)
- ▶ Setting time (20°C): initial 60', final 70'
- ▶ For sealing holes with a diameter exceeding rebar Ø + 50 mm, use **708 CLAVEX+ MB** or **709 CLAVEXPRESS GROS**



PACKAGING
25 kg long storage bag

STORAGE
12 months from date of manufacture if kept in unopened original packaging in dry conditions

705 CLAVEX+

SHRINKAGE-COMPENSATING SEALING

AND BEDDING MORTAR

PRODUCT FEATURES

- ▶ High mechanical strength
- ▶ Suitable for thicknesses from 10 to 50 mm
- ▶ Excellent resistance to sea water, sulphated water and de-icing salts

USES

- ▶ Bedding of elements ranging in thickness from 10 mm to 50 mm
- ▶ Suitable for the bedding of bridge bearings, heavy machinery, rails etc
- ▶ Sealing of steel rebars, tie rods, connectors (diaphragm walls) and anchoring bars
- ▶ Wedged keying of prefabricated elements, underpinning

INSTRUCTIONS

BEDDING:

- ▶ Mix with clean water (3.75 L for one 25 kg bag) with a fast-speed electric mixer for at least 3 minutes
- ▶ Remove all residual water. Pour the mortar/slurry from the longest side of the formwork by pumping, gravity or injection. Pour in one go and in one direction only so as to avoid trapping air
- ▶ Incorporate ventilation holes for large-scale bedding
- ▶ Bedding thicknesses should be between 10 mm and 50 mm
- ▶ As soon as the mortar begins to set, the exposed surface should be treated with a protective coating product (**742 LANKOCURING**)

SEALING:

- ▶ Mix with clean water (2.8 L for one 25 kg bag) with a fast-speed electric mixer for at least 3 minutes
- ▶ The diameter of the holes must be equal to at least the diameter of the rebar + 20 to 30 mm
- ▶ Clean the sealing hole thoroughly and dampen the surface
- ▶ Position the rebar in the hole and pour the mortar
- ▶ As soon as the mortar begins to set, the exposed surface should be treated with a curing product (**742 LANKOCURING**)
- ▶ Pot life at 20°C: 60' (sealing), 90' (bedding)
- ▶ Setting time (20°C): Bedding, initial 6 hours, final 9 hours. Sealing, initial 6 hours, final 7 hours

PACKAGING

25 kg long storage bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions



SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 2 mm
- ▶ Hardened product density: 2.2
- ▶ **Pull-out resistance after 7 days** - tests performed in compliance with EN 1881 (ceiling position)
 - Drill-hole diameter: 30 mm
 - HA steel bar: Ø 16 mm
 - Anchoring depth: 150 mm
 - Displacement with traction of 75 kN: < 0.6 mm
 - Maximum traction force: 100 kN
 - Test of suitability for placing, in compliance with NF P18 832: bubble surface < 5%

Bedding:

- **Compressive strength:** 25 MPa (1 day), 55 MPa (7 days), 70 MPa (28 days)
- **Flexural strength:** 5 MPa (1 day), 8 MPa (7 days), 10 MPa (28 days)

Sealing:

- **Compressive strength:** 40 MPa (1 day), 60 MPa (7 days), 75 MPa (28 days)
- **Flexural strength:** 6 MPa (1 day), 10 MPa (7 days), 12 MPa (28 days)



729 LANKOSCELFEST

HIGH-PERFORMANCE METHACRYLATE

SEALING RESIN

PRODUCT FEATURES

- ▶ Easy-to-use
- ▶ Awarded two ETAs
- ▶ Compact, ideal for worksite use
- ▶ Cost-efficient, no waste
- ▶ Short setting time, rapid return to service
- ▶ High performance
- ▶ ETA-13/0110 CSTB
- ▶ ETA -13/0114 CSTB
- ▶ ETA-13/0126 ITB
- ▶ CE label

USES

- ▶ Anchoring of metal rods in concrete, secure fixing of threaded rebars in concrete, heavy metal structures, step-irons and modular ladders (e.g. Caswick)

SPECIFICATIONS

- ▶ Grey ready-to-mix powder
- ▶ Particle size: 0 - 1 mm
- ▶ Hardened product density: 2.1
- ▶ Styrene-free
- ▶ Solvent-free
- ▶ Odourless
- ▶ Setting time (20°C): initial 4', final 30'
- ▶ Setting time (5°C): initial 12', final 90'
- ▶ Setting time (30°C): initial 1', final 20'

CONSUMPTION

M8 = 151 anchorings (Ø 10 mm / depth 64 mm)
 M10 = 84 anchorings (Ø 12 mm / depth 80 mm)
 M12 = 51 anchorings (Ø 14 mm / depth 96 mm)

PACKAGING

- 380 ml cartridge
- Accessories available: extrusion gun, cleaning kit, static mixer

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions



FABRIQUÉ EN FRANCE



INSTRUCTIONS

- ▶ Drill a hole in accordance with the instructions of the Technical Data Sheet
- ▶ Thoroughly clean out the hole and remove all traces of dust. Insert the tip of the static mixer right to the very end of the hole and then pump out a sufficient quantity of **729 LANKOSCELFEST** in order to fill the hole halfway, taking care to keep the tip in the resin and working slowly backwards so as to prevent any air from entering the injected resin
- ▶ Insert the rod immediately into the hole using a slight twisting action



**EVERYTHING YOU NEED TO KNOW ABOUT
OUR SEALING & BEDDING PRODUCTS...**



10

MASONRY

AND ASSEMBLY



SELECTION GUIDE

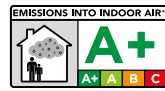
151 MORTIER UNIVERSEL
152 MORTIER FIN
153 MORTIER BATARD
155 MORTIER RAPIDE
156 MORTIER FEU

154 BETON UNIVERSEL
561 MORTIER
BETON CELLULAIRE
562 LANKOVIPS

APPLICATIONS									
General masonry tasks	Concrete block assembly	✓		✓					
	Solid brick assembly	✓		✓					✓
	Cellular concrete assembly							✓	
	Finishing, jointing		✓	✓					✓
	Screed	✓							
	Rough mortar coatings			✓					
	Concreting						✓		
	Rapid sealing				✓				
Travaux spécifiques	Sealing roof tiles			✓					
	Chimneys, Barbecues					✓			
PRODUCT TYPE									
Ready-to-mix hydraulic mortar		✓	✓	✓	✓	✓	✓	✓	✓

151 MORTIER UNIVERSEL

MASON'S MORTAR



PRODUCT FEATURES

- ▶ Ready-to-mix
- ▶ Maximum particle size: 4 mm
- ▶ Binder content 350 kg/m³
- ▶ Binder content compliant with standards NF P 10-202 (DTU 20.1) and 14-201 (DTU 26.2) pertaining to concrete block assembly and screed laying
- ▶ Standard EN 998-2

USES

- ▶ General masonry tasks, assembling brick and breezeblock walls (compliant with standard NF P 10-202)

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: 0 - 4 mm
- ▶ Hardened product density: 1.9
- ▶ Class M10

Compressive strength:

5 MPa (1 day), 9 MPa (7 days), 14 MPa (28 days)

Flexural strength:

1.5 MPa (1 day), 2.5 MPa (7 days), 14 MPa (28 days)

INSTRUCTIONS

- ▶ Mix with clean water (3.25 - 3.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Apply by hand with a trowel. The surface can be smoothed or floated
- ▶ Pot life: 2 hours at 20°C
- ▶ Setting time (20°C): initial 5 hours, final 6½ hours

PACKAGING

25 kg or 35 kg bags

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions

152 MORTIER FIN

MASON'S MORTAR



PRODUCT FEATURES

- ▶ Ideal for finishing work
- ▶ Maximum particle size: 1.2 mm
- ▶ Ready-to-mix

USES

- ▶ Finishing work: fine rendering, surfacing of concrete slabs, small-scale sealing, masonry joints

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: 0 - 1.2 mm
- ▶ Hardened product density: 1.9
- ▶ Class M10

Compressive strength:

15 MPa (28 days)

Flexural strength:

4 MPa (28 days)

INSTRUCTIONS

- ▶ Mix with clean water (3 - 4 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Apply by hand with a trowel. The surface can be smoothed or floated
- ▶ Pot life: 2 hours at 20°C
- ▶ Setting time (20°C): début 5h30, fin 7h30

PACKAGING

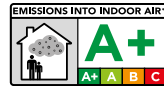
25 kg bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions

153 MORTIER BÂTARD

HYDRATED LIME MASON'S MORTAR



PRODUCT FEATURES

- ▶ Sealing of roof tiles
- ▶ Ready-to-mix

USES

- ▶ Sealing of ridge tiles, gable tiles and flashing
- ▶ Traditional 3-coat rendering
- ▶ Stone and brickwork joints

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: 0 – 2 mm
- ▶ Hardened product density: 1.9
- ▶ Compliant with standard EN 998-2
- ▶ Class M5
- ▶ Pot life: 2 hours at 20°C. Setting time (20°C): initial 4 hours, final 6 hours
- Compressive strength:** 6.5 MPa (28 days)
- Flexural strength:** 2 MPa (28 days)

INSTRUCTIONS

- ▶ Mix with clean water (3.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Apply by hand with a trowel. The surface can be smoothed or floated
- ▶ Setting time (20°C): initial 4 hours, final 6 hours
- ▶ Pot life: 2 hours at 20°C

PACKAGING

25 kg bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions

155 MORTIER RAPIDE

MASON'S MORTAR



PRODUCT FEATURES

- ▶ Suitable for use in cold weather
- ▶ Maximum particle size: 2 mm
- ▶ Fast setting and hardening
- ▶ Ready to mix

USES

- ▶ Rapid masonry tasks: small repairs, rapid sealing (shutters, hinges, hooks etc), filling joints and cuts, cold weather work, sealing street furniture

SPECIFICATIONS

- ▶ Colour: dark grey
- ▶ Particle size: 0 – 2 mm
- ▶ Hardened product density: 2.2
- Compressive strength:** 4 MPa (1 day), 30 MPa (7 days), 50 MPa (28 days)
- Flexural strength:** 1.3 MPa (1 day), 5 MPa (7 days), 6.5 MPa (28 days)

INSTRUCTIONS

- ▶ Mix with clean water (4.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Apply by hand with a trowel. The surface can be smoothed or floated
- ▶ Setting time (20°C): initial 3', final 4'

PACKAGING

25 kg bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions

156 MORTIER FEU

REFRACTORY MORTAR

PRODUCT FEATURES

- ▶ Heat resistance up to 1,000°C
- ▶ Maximum particle size: 2 mm
- ▶ Ready-to-mix
- ▶ Ideal for assembling barbecues and open & closed fireplaces
- ▶ Pot life: 1 hour at 20°C



USES

- ▶ Common tasks on masonry exposed to high temperatures: e.g. barbecues, chimneys, open & closed fireplaces

SPECIFICATIONS

- ▶ Colour: dark grey
 - ▶ Particle size: 0 - 2 mm
 - ▶ Hardened product density: 2.2
 - ▶ Compressive strength after 2 hours at 1,000°C: 12 MPa
- Compressive strength:** 25 MPa (1 day), 35 MPa (28 days)
Flexural strength: 4 MPa (1 day), 5 MPa (28 days)

INSTRUCTIONS

- ▶ Mix with clean water (4 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Apply by hand with a trowel. The surface can be smoothed or floated

PACKAGING

25 kg bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions



154 BÉTON UNIVERSEL

MULTI-PURPOSE CONCRETE

PRODUCT FEATURES

- ▶ Ready-to-mix
- ▶ Formwork removal after 24 hours at 20°C
- ▶ Class 25/30
- ▶ Binder content 300 kg/m³
- ▶ Binder content compliant with standards NF P 10-202 (DTU 20.1) and 14-201 (DTU 26.2) pertaining to concrete block assembly and screed laying
- ▶ Pot life: 1 hour at 20°C. Setting time (20°C): initial 3 hours, final 4 hours



USES

- ▶ Common concreting tasks: creation of window sills, lintels, ledges, steps, concrete slabs, etc
- ▶ Sealing of posts and fencing

SPECIFICATIONS

- ▶ Colour: grey
- ▶ Particle size: 0 - 10 mm
- ▶ Hardened product density: 2.2
- ▶ Compressive strength: 9 MPa (1 day), 25 MPa (28 days)

INSTRUCTIONS

- ▶ Mix with clean water (3.5 L for one 25 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer)
- ▶ Apply by hand with a trowel. The surface can be smoothed or floated
- ▶ Pot life: 1 hour at 20°C
- ▶ Setting time (20°C): initial 3 hours, final 4 hours

PACKAGING

25 kg or 35 kg bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions



561 MORTIER BÉTON CELLULAIRE

READY-TO-MIX MORTAR ADHESIVE

PRODUCT FEATURES

- ▶ Assembly and repairs to cellular concrete blocks
- ▶ White
- ▶ CSTBat certificate



USES

- ▶ Mortar adhesive for assembling and repairing cellular concrete blocks

SPECIFICATIONS

- ▶ Colour: white
- ▶ Hardened product density: 1.4
- ▶ Compliant with standard EN 998-2
- ▶ Class M5
- ▶ Bonding capacity: > 0.5 MPa (at 28 days)

INSTRUCTIONS

- ▶ Mix with clean water (6.5 L for one 20 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer). Apply by hand with a special notched trowel to the horizontal and vertical faces to be bonded. Joints should be at least 3 mm thick. For larger scale operations, add 1 part fine sand to 2 parts **561 MORTIER BÉTON CELLULAIRE**
- ▶ Pot life: 4 hours at 20°C

PACKAGING
25 kg bag

STORAGE
12 months from date of manufacture if kept in unopened original packaging in dry conditions



562 LANKOVIFS

THIN JOINT ASSEMBLY MORTAR

PRODUCT FEATURES

- ▶ Application by hand and by machine
- ▶ Wide range of colours
- ▶ Compliant with standard EN 998-2
- ▶ Thin joint assembly mortar

USES

- ▶ Assembly mortar for facing elements
- ▶ Jointing mortar
- ▶ Thin joint assembly

SPECIFICATIONS

- ▶ Colour: see colour chart
- ▶ Particle size: 0 - 1.25 mm
- ▶ Hardened product density: 1.89
- ▶ Compliant with standard EN 998-2
- ▶ Class M20
- ▶ Pot life: 45' at 20°C
- ▶ **Compressive strength:** > 20 MPa (28 days)
- ▶ **Flexural strength:** >3 MPa (28 days)
- ▶ **Bonding capacity:** >0.5 MPa (7 days)

INSTRUCTIONS

- ▶ Mix with clean water (4 L for one 20 kg bag) by hand with a trowel and trough or by machine (cement mixer or electric mixer). The product can be applied by hand with a trowel or a grouting bag or mechanically using a piston pump
- ▶ Two sausage-shaped dabs of **562 LANKOVIFS** are applied to brickwork in such a way as to ensure that when another brick is placed on top the mortar does not come any closer than 0.5 - 1 cm from the façade surface. Lay the bricks in criss-cross fashion. If seeking an appearance without visible joints, the thickness of the horizontal joint must allow for sufficient bonding between bricks (joint thickness of more than 3 mm). Once the bricks have been laid, no grouting is required; the criss-cross pattern of the bricks is sufficient to produce an aesthetic effect for a neat, tidy and clean façade
- ▶ Setting time (20°C): initial 6 hours, final 8 hours
- ▶ Pot life: 45' at 20°C
- ▶ Refer to the Technical Data Sheet before use

PACKAGING

25 kg bag

STORAGE

12 months from date of manufacture if kept in unopened original packaging in dry conditions



Colour chart



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**CONCRETE
AND MORTAR
ADMIXTURES**



751 LANKOLATEX

BONDING AGENT / BONDING AND WATERPROOFING

OF MORTAR AND CONCRETE

PRODUCT FEATURES

- ▶ Waterproofs mortars and improves performance against oils, grease, fuel oil, diluted acids
- ▶ Lowers modulus of elasticity and improves mortar resistance to traction, abrasion and impacts
- ▶ Enables work to be carried out in permanent contact with water and sea water (with appropriate cement)
- ▶ Dry extract: 50%



USES

Resin emulsion for making up:

- ▶ Dash-bond coat for mortar and all types of screed
- ▶ Waterproof coats for shaft linings, reservoirs, retention tanks and swimming pools
- ▶ Bridging mortar for construction joints
- ▶ Coating, re-profiling or reshaping mortar for patching areas such as damaged corners of concrete
- ▶ Repair of concrete floors
- ▶ Pointing and filling mortar for voided masonry joints, chimney stacks, or to form a mortar flashing of steel reinforcements with **LANKOREP** repair mortars

SPECIFICATIONS

- ▶ Appearance: white milky liquid
- ▶ Density: 1.01 à +20°C
- ▶ Dry extract: 47 % ± 2%
- ▶ Water solubility: total
- ▶ pH: 10 ± 0.5

INSTRUCTIONS

- ▶ **Dash-bond coat:**
 - traditional coating: combine 1 part cement and 1 part 0-3 sand with a **751 LANKOLATEX** solution and mix to a creamy consistency
 - ready-to-use coatings: add 10% **751 LANKOLATEX** to the mixing water
- ▶ **Slurry for traditional concrete & screed:** combine 1 part cement and 1 - 2 parts 0-3 sand and then mix with a **751 LANKOLATEX** solution. Apply to a damp substrate. Apply the concrete or screed to the slurry while fresh
- ▶ **Waterproofing, enhancing performance of concretes and mortars:** use a solution of **751 LANKOLATEX** in place of the mixing water
- ▶ **Bonding plaster:** used as a 1:2 solution with clean water in place of the recommended volume of mixing water
- ▶ **Steel rebar passivation:** use pure with the repair mortar
- ▶ **Ready-to-use mortar:** add a solution of 1 part **751 LANKOLATEX** with 2 parts water
- ▶ **Porosity regulator:** dilute 1 part **751 LANKOLATEX** with 4 parts water

PACKAGING

25 kg bag

STORAGE

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CHINA-INDONESIA-TRADE-RELATIONS-AND-FUTURE-PROSPECTS

