

585-19 LANKOPHONIC ROULEAU

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DESCRIPTION

• A thin, undertile, impact noise reduction system, **585-19 LANKOPHONIC ROULEAU** is suitable for use in P2 classified premises and also, in certain cases, P3 E2 (i.e. enclosed, covered, with no direct access to outdoors or direct connection to communal kitchens or E3 sanitary facilities). The product is compliant with all current legislation pertaining to acoustic insulation.

USES

• Interior floors, excluding heated flooring and floors with drainage

■ PERMISSIBLE SUBSTRATES

New

- Reinforced concrete slab
- Cement or anhydrite screed ⁽¹⁾
- Concrete floor

Renovation

- Old rendered tiles
- Wood panels (CTB-H/CTB-X/OSB3) / Woodstrip flooring
- Rendered semi-flexible vinyl tiles

Non-permissible

- Heated flooring

■ SUITABLE COVERING MATERIALS

Sizes: from 20 x 20 cm to 60 x 60 cm according to substrate

- UPEC classified ceramic tiles, minimum thickness: 8 mm
 - class P3: for P2 premises
 - class P4: for P3 premises
- Oblong tiles: maximum size of 2 400 cm² with a maximum slimness ratio of 6.
- Limestone and marble stone slabs:
 - minimum thickness: 10 mm
 - compressive strength: > 150 MPa
 - flexural strength: ≥ 16 MPa
 - length / width ratio: ≤ 1.5

PERFORMANCE CHARACTERISTICS⁽³⁾

- **Wet-tack time:** 5 to 35 minutes
- **Waiting time before applying levelling mortar (185 MINI-CHAPE LANKOPHONIC*):** 3 to 12 hours
- **Waiting time before tiling:** 16 hours

- **Return to service (light traffic):** 24 hours after grouting
- **Return to service (normal traffic):** 48 hours after grouting

SPECIFICATIONS

• Thickness:

- acoustic insulation roll: 5 mm approx.
 - total system (before tiling): 13 mm
- **Impact noise reduction:** ΔL_w = 19 dB

INSTRUCTIONS

Substrate preparation (new & renovation)

- **Before applying 585-19 LANKOPHONIC ROULEAU system:** the substrate must be levelled using a self-levelling mortar from the PAREXLANKO range.
- **State:** substrates must be sound, clean, dust-free and stabilized.
- **Age:**
 - floor: 2 months minimum
 - paving: 1 month minimum
- **Flatness:** 3 mm below 2 m rule

■ CASE 1: MASONRY SUBSTRATES AND CONCRETE FLOORS

- Apply a self-levelling mortar (minimum thickness 3 mm) from the PAREXLANKO after priming the substrate.

■ CASE 2: OLD WOODEN FLOORING

- Fix any loose boards.
- Sand wooden flooring.
- Prime with **164 PROLIIPRIM RAPID***, then level with **184 SOLFIBRÉ*** or **190 SOLEXTREME***.

■ CASE 3: OLD TILES

- Remove and refit blown tiles.
- Sand enamelled ceramic tiles and vacuum up the resulting dust.
- Wash off any grease and traces of cleaning products.
- Rinse and leave to dry.
- Prime with **164 PROLIIPRIM RAPID***, **165 PROLIIPRIM UNIVERSEL***, then level with **184 SOLFIBRÉ***.

■ CASE 4: SEMI-FLEXIBLE VINYL TILES

- Remove any loose, non-bonded tiles.
- Clean with a sodium-based solution and rinse well.

PRODUCT FEATURES

- ▶ **Impact noise reduction:** ΔL_w = 19 dB
- ▶ Compliant with NRA 2000
- ▶ Qualitel label
- ▶ Tile sizes up to 3 600 cm²
- ▶ Thin system: 13 mm before tiling

REFERENCE DOCUMENT

- ▶ Technical appraisal («Avis Technique»)

* Please refer to the relevant product data sheet.

(1) With 2 coats of **124 PROLIIPRIM** or **165 PROLIIPRIM UNIVERSEL** primer -

(2) Average laboratory values at 23°C and 50% relative humidity in compliance with standards in force.

PAREXLANKO

Kit components	P2 15 m ² kit	P2 60 m ² kit	P3 60 m ² kit
913 LANKOCRIL PRO*	1 x 6 kg bucket	1 x 20 kg bucket	1 x 20 kg bucket
Peripheral isolation strip	1 x 20 m roll	4 x 20 m rolls	4 x 20 m rolls
585-19 SOUS-COUCHE LANKOPHONIC*	1 x 15 m ² roll	2 x 30 m ² rolls	2 x 30 m ² rolls
185 MINI-CHAPE LANKOPHONIC*	6 x 25 kg bags	24 x 25 kg bags	24 x 25 kg bags
Mortar adhesive	3 x 25 kg bags of 522 PROLIIPRO* Grey or 552 PROLIIFLUIDE* Grey	10 x 25 kg bags of 522 PROLIIPRO* Grey or 552 PROLIIFLUIDE* Grey	10 x 25 kg bags of: 554 PROLIIFLUIDE RAPIDE Grey
Grouting mortar ^(a)	1 x 20 kg bag of: 5045 PROLIJOINT SOUPLE Grey	2 x 20 kg bags of: 5045 PROLIJOINT SOUPLE Grey	2 x 20 kg bags of: 5045 PROLIJOINT SOUPLE Grey
Thickness indicators	Bag of white indicators (5 mm)	Bag of white indicators (5 mm)	Bag of white indicators (5 mm)

(a) **5046 ELIT*** or **PERFECT COLOR*** may also be used for grouting.

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PACKAGING

- ▶ 15 m² kit
- ▶ 60 m² kit

STORAGE

▶ 12 months

from date of manufacture if stored in unopened original packaging in dry conditions (NB 185 MINI-CHAPE: 6 months only)

WARRANTY

- ▶ Manufacturer's liability

- Prime with **164 PROLIPRIM RAPID*** or **165 PROLIPRIM UNIVERSEL***, then level with **184 SOLFIBRÉ*** or **190 SOLEXTREME***.
- Refer to renovation instructions in force (« *CPT Sols* ») and the technical appraisal (« *Avis Technique* »).

■ SYSTEM IMPLEMENTATION

STEP 1: Base coat preparation and bonding

- Roll out **585-19 LANKOPHONIC ROULEAU** base coat onto the substrate, with the printed side facing upwards.
- Roll back the roll over half its length.
- Apply **913 LANKOCRYL PRO*** to the corresponding floor surface using a TKB A2 comb.
- **Consumption:** 200 to 300 g per sq.m
- **Wet-tack time:** 5 to 35 minutes
- Roll out the base coat again and press down firmly onto the adhesive with a suitable tool or with the palm of the hand.
- Perform the same operation with the other half of the cut-off piece of **585-19 LANKOPHONIC ROULEAU**. Continue in the same way until the entire floor is covered, taking care to ensure that the strips are perfectly edge-to-edge.
- Apply bridging strip to the joints between each piece so as to prevent any product penetration when laying the mini-screed.

STEP 2: Peripheral edging and specific elements

- Just before applying the levelling mortar, unroll and press peripheral isolation strip into the angles at all lower edges of the room and around pipe mountings, salient angles, protruding elements, bonding the adhesive part of the strip onto the base coat.

STEP 3: Installation of thickness indicators

- Position the self-adhesive 5 mm thickness indicators across the entire surface (1 or 2 per m²).

STEP 4: Mini-screed application

- Ensure that the base coat is sound and well-bonded prior to applying the levelling coat (i.e. 3 to 12 hours depending on atmospheric conditions).
- Mix one 25 kg bag of **185 MINI-CHAPE LANKOPHONIC** with 5.5 litres of clean water (i.e. 22% water content).
- Mix with a high-speed paddle mixer in order to obtain a thick, smooth and lump free fluid mortar.
- Apply the product in one go, using sweeping back-and-forth strokes of a stainless steel float.
- The depth indicators should be just covered.
- The all-over thickness of the levelling mortar must be at least 5 mm.
- Leave to dry for at least 16 hours before covering. Do not exceed 72 hours without covering.

STEP 5: Laying tiles

- Bond directly to **185 MINI-CHAPE LANKOPHONIC***.

For P2 premises use:

- **522 PROLIPRO***, applied with a U9 comb, using the dual bonding technique (i.e. underside of tile + substrate), or
- **552 PROLIFLUIDE***, applied with a Ø 20 half-moon comb (8 x 10 x 20 mm), using the single bonding technique (i.e. substrate only).

For P3 premises use:

- **554 PROLIFLUIDE RAPIDE*** applied with a Ø 20 half-moon comb (8 x 10 x 20 mm), using the single bonding technique (i.e. substrate only).
- Apply the tile, press firmly and tamp down with a mallet to ensure optimum bonding.
- Leave to dry for 24 hours before grouting.
- **ÉTAPE 6: Grouting**
- Use **5045 PROLIJOINT SOUPLE*** or **PERFECT COLOR*** grouting mortar for oblong-shaped tiles (maximum size of 2 400 cm² with a maximum slimmness ratio of 6).
- Apply the grout with a rubber squeegee and then clean up the residue.
- Minimum joint width:
 - 3 mm for tiles up to 1 200 cm²,
 - 5 mm for tiles over 1 200 cm²

■ RETURN TO SERVICE

- Minimum waiting times:
 - 24 hours after grouting for pedestrian traffic
 - on load distribution plates
 - 48 hours after grouting for normal traffic.

■ TREATMENT OF SPECIFIC ISSUES

Private damp premises

- After **185 MINI-CHAPE LANKOPHONIC*** has dried completely (24 hours), apply two cross-coats of **596 PROLICOAT*** to the entire surface and to floor/wall joints, including all protruding elements.
- The 2nd coat is applied 3 to 4 hours after the first at a rate of 400 g/m².
- Embed reinforcement mesh (**ARMATURE RM***, **PROLIPBAND*** or **PROTECTBAND***) in the 1st coat at all angles and potential weak points

Applying skirting boards

- Leave the peripheral isolation strip in place up to a height of 10 mm above the tiles, cutting off any surplus.
- Fold back the strip below the skirting board.
- Bond the skirting board, taking care to leave a minimum gap of 3 mm to be filled with category 1 elastomer sealant (e.g. **626 SILICONE CARRELEUR***).

Contraction joints

- If the surface area exceeds 40 m² or 8 linear metres, create a contraction joint in the tiled surface by inserting an industrial profile on the insulation material.

Doorways

- Use a doorway profile, separating each doorway with a suitable profile positioned and bonded onto the panel.

* Please refer to the relevant Technical Data Sheet.

PRECAUTIONS

- Temperature range for use: 10°C to 30°C.
- Do not use any products other than those in the kit.
- Comply with all time recommendations in the instructions above.
- Refer to the Safety Data Sheet before use.

TECHNICAL SUPPORT: ParexGroup S.A. will, on request, provide information and assistance to companies in relation to the specific use of a product. Such assistance shall not be assimilated with structural design and conception, nor the compliance of substrates, nor as a control of usage rules in force.

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

TECHNICAL DATA SHEET - August 2020

The information provided in this document results from our knowledge of the products and our experience. Prior to application, customers and users are requested to check that they are in possession of the latest version of this document. Please check for updates at www.parexlanko.com

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