

□ SINGLE-COMPONENT NEUTRAL SILICONE MASTIC



PRODUCT FEATURES

- ▶ SNJF label – concrete, aluminium & glass
- ▶ Category 1 elastomer
- ▶ Very good bonding performance, even without primer

REFERENCE DOCUMENT

- ▶ SNJF label

PACKAGING

- ▶ 300 ml plastic cartridge

STORAGE

- ▶ **9 months** from date of manufacture if stored in unopened original packaging protected from frost and high temperatures

WARRANTY

- ▶ Manufacturer's liability

642 SILICONE BÂTI TRANSLUCIDE



DESCRIPTION

- Single-component neutral silicone mastic.
- Excellent resistance to oxidation, ozone, saline spray, mist & fog, water and ultraviolet rays.
- Satisfactory resistance to acids, diluted bases and common solvents.
- Risk of swelling in the presence of hydrocarbons, but with no impact on performance.
- May take on a slight yellow colour after exposure but with no impact on mechanical properties.

USES

- Heavy and light prefabricated constructions
- Weatherstripping of glazing elements.
- Sealing joints for mirrors, windows, prefabricated panels, curtain walls, façade panels.
- Joints between woodwork and metal, cladding.
- Sealing joints between masonry elements.
- Expansion joints on large concrete structures.
- Bridging joints between prefabricated concrete elements.
- Swimming pools (with primer).

SPECIFICATIONS

- **Appearance:**
 - before cross-linking: paste
 - after cross-linking: elastic mass
- **Colour:** translucent
- **Density (ISO 1183):** 1.04 g/ml
- **Shore A hardness (ISO 868):** 18
- **Elongation at breaking point (ISO 8339):** > 320%
- **Modulus of elasticity (ISO 8340):** 0.27 N/mm²
- **Elastic recovery (ISO 7389):** > 90%
- **Temperature stability:** - 50°C to + 150°C
- **Application temperature:** + 5°C to + 40°C
- **Touch dry:** 8 min (at + 23°C and 50% RH)
- **Total polymerization:** 2 mm per 24 hours

INSTRUCTIONS

Users are advised to follow expansion joint guidelines issued by the SNJF (Syndicat National des Joints et Façades) and to comply with instructions contained in French DTU 44.1.

■ SUBSTRATE PREPARATION

- Application surfaces must be clean and dry.
- Take special care to remove all traces of laitance, dust, grease, oil and any other non-desirable substance.
- Spalling must be repaired in advance with **770 LANKOREP FIN RAPIDE***.
- Insert a joint backing to reduce the depth of the joint to be filled and in order to provide a resistant, but non-adhesive substrate.

■ APPLICATION

- The mastic is applied using a hand-operated or compressed air applicator gun:
 - Squeeze out one or several beads according to the width of the joint to fill.
 - Smooth the mastic with a putty knife dipped in soapy water in order to ensure that the joint is completely filled, adheres well and looks good.

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

TECHNICAL DATA SHEET ISSUED - September 2017

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

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

PRECAUTIONS

- Do not apply when temperatures fall below + 5°C, owing to the risk of substrate frosting.
- Each specific case should be the object of joint condition, shearing, compression and displacement studies in compliance with professional regulations in force (e.g. for France, SNJF guidelines).
- In view of the wide range of materials available, and in particular with regard to porous substrates (e.g. Carrara marble), a representative test should be carried out prior to application in order to assess the need for a suitable primer to prevent any risk of migration.
- May produce an allergic reaction.
- Not suitable for permanent immersion.
- Refer to the Safety Data Sheet.