

s-107 n



S-107 n is a neutral silicone putty for sealing joints. Specially recommended for sealing movement joints. Indoor and outdoor use. It has anti-fungal properties that prevent the appearance of black spots in damp environments.

This reticular putty in contact with dampness does not give off odors, thus becoming an extraordinary elastic and resistant elastomer to atmospheric agents.

Recommended use:

- Sealing joints even between materials sensible to chemical attack.
- Sealing joints between ceramic floors and sanitaryware, bathtubs, showers or kitchen and bathroom worktops.
- Sealing movement joints in floors and walls.
- Sealing joints in ceramics, glass, metal, plastics and painted surfaces.
- Sealing perimeter joints in wall tile coverings.
- Gluing ceramic materials on wood boards.

Materials

- Ceramic tiles and glass mosaic.
- Glass.
- Metal.
- Plastic material, PVC.
- Concrete slabs.
- Wood.
- Natural stone

Before applying s-107 n putty on any ceramic floor not included in the list above, carry out a prior test or check with the **Technical Department at butech**.

Substrates

- All usual substrates for ceramic tiles laying.

Features

- Single-component neutral silicone.
- High elasticity.
- Good adherence.
- Resistant to UV rays.
- Fungicide
- Frost-resistant.

Coverage

| | |
|----------------|--------|
| 2 x 2 mm joint | 75.0 m |
| 3 x 3 mm joint | 33.3 m |
| 5 x 3 mm joint | 20.0 m |
| 5 x 5 mm joint | 12.0 m |
| 8 x 4 mm joint | 8.3 m |
| 8 x 6 mm joint | 6.2 m |

$$\text{Coverage (ml/cartridge)} = \frac{300}{\text{joint width (mm)} \times \text{joint depth (mm)}}$$

Cleaning and maintenance

- Before starting the installation and to avoid later problems, we recommend to refer to the tile supplier data sheet and to check that it is not sensitive to neutral silicone putties.
- Any reminder of putty must be cleaned with an organic solvent like ethyl acetate or gasoline before it hardens. Extreme caution with anti-slip floors, absorbent stones or relieved surface tiles.
- Once the installation finished, clean the tool with an organic solvent like ethyl acetate or gasoline.
- Refer to the maintenance instructions of the supplier of the flooring used.

Preservation

- 12 months in its original package and protected from moisture and the elements. Store in a dry location, covered and protected from direct sunlight.

Health and safety

S-107 n is slightly irritating to the eyes and skin.

We recommend to take the usual precautions in the use of chemicals, as the use of gloves and goggles. Use in well ventilated areas.

MSDS available for professionals upon request.

Supplementary Instructions

- Do not use on dusty or easily crumbling surfaces. Do not use on surfaces which are dirty or covered by any element which may compromise adherence.
- Do not use on wet surfaces. Protect from rain and frost at least during the first 24 hours.
- Do not apply when temperature is below +5°C or above + 40°C.
- The layout, width and constructive details of the perimetral and intermediate movement joints, as well as the materials to be used, must be included in the tile laying project.
- Respect all the structural joints present in the substrate.
- Make perimetral movement joints in corners, level changes in the floor and at the height of changes of material.
- As a general rule, make intermediate movement joints which delimit areas as square as possible of 16-25 m² outdoors and 50-70 m² indoors. They must have a minimum width of 8 mm.
- The technical information included in this data sheet has been gathered from tests at certified laboratories and in the conditions stated by the relevant standards.
- For further information about this product, refer to the Technical Department at butech.

Technical Sheet Conditions

- This data sheet does not describe a finished product; it is a fixing material which, together with other products and materials, determines a ceramic tiles lying system. Instructions in this technical sheet have been written based on our experience and technical expertise, but they have to be considered as general recommendations, which together with those for the rest of the products in the system, help the tile-laying professionals in the performance of their job.
- As it is not possible to know all the features and conditions of a building job, professionals must consider it and, if deemed appropriate, perform a previous test to confirm whether the product is suitable for the job.
- The technical sheet cannot reflect all the applications and conditions entailed in the use of a material, so, in situations not described in this sheet, we recommend to perform a previous test and refer to our technical department.
- This sheet has been updated in March, 2017.

Technical Data

| | |
|-------------------------|--------------------------|
| Appearance | Thixotropic paste |
| Odor | Typical |
| Dangerousness | Slightly irritating. |
| Preservation time | 18 months in a dry place |
| Application temperature | +5° C and +40° C |
| Initial cross-linking | 8-12 min. |
| Final hardening | 24h / 3 mm thickness. |

| | | |
|------------------------|--|-------------------------------------|
| Shore A hardness | DIN 53505 | 20 |
| Modulus of elasticity | ISO 8339 | 0.4 – 0.45 MPa (depending on color) |
| Maximum elongation | ISO 8339 | 375- 525% (depending on color) |
| Permanent deformation | 25 % | |
| Breaking strength | 0.57 - 1.08 N/mm ² (depending on color) | |
| Heat resistance | -40° C up to + 150° C | |

Data obtained under laboratory conditions, at 23° C and 50% relative moisture.

References

| KEA | SAP | Product description | Packaging | Palletising |
|-----------|-----------|-----------------------------|------------------|------------------|
| B82302002 | 100005815 | s-107_n transparente | 300 ml cartridge | 25 cartridge box |
| B82302001 | 100005814 | s-107_n blanco | 300 ml cartridge | 25 cartridge box |
| B82302003 | 100005816 | s-107_n gris | 300 ml cartridge | 25 cartridge box |
| B82600030 | 100120620 | s-107_n cemento | 300 ml cartridge | 25 cartridge box |
| B82600036 | 100120608 | s-107_n antracita | 300 ml cartridge | 25 cartridge box |
| B82302004 | 100005817 | s-107_n negro | 300 ml cartridge | 25 cartridge box |
| B82600029 | 100120621 | s-107_n marfil | 300 ml cartridge | 25 cartridge box |
| B82600026 | 100115950 | s-107_n beige | 300 ml cartridge | 25 cartridge box |
| B82600035 | 100120606 | s-107_n caramelo | 300 ml cartridge | 25 cartridge box |
| B82600034 | 100120623 | s-107_n moka | 300 ml cartridge | 25 cartridge box |
| B82600028 | 100120624 | s-107_n tabaco | 300 ml cartridge | 25 cartridge box |