

Neutral-Silicone 386



Single-component, coating-compatible, for exterior and interior use

Field of application

For sealing construction joints and glazing systems, for both interiors and exteriors. For expansion joints in buildings or facades. Ideal for window and door joints, roller shutters, window sills, balconies and parapets, for sealing glazings, and use in cold climates. Can also be used in the sanitary facilities. Can be used on, e.g., aluminum, zinc, coated iron and wooden parts, brickwork, concrete, stoneware, ceramics, and various plastics. Not for sealing aquarium constructions, or for use on marble, natural stone render or bitumen, insulating glass installations or gluing structural glazing facades.

Properties

- Single-component
- Neutral curing
- Low odor
- Coating-compatible
- Weather and UV-resistant
- Permanently elastic after drying
- Non-corrosive when combined with metals
- For interior and exterior use

Material description

Colors	transparent, white, gray, brown, black
Material basis	Neutral alkoxy
Density	approx. 1,03 g/ml
Elongation at break	300 % to DIN EN ISO 8339
Young's (elastic) modulus for 100% elongation	0,30 N/mm ² to DIN 53504 S2
Shore A hardness	24 to DIN 53505/ISO 868
Tensile strength	0,7 N/mm ² to DIN 5354

Werkstoffbeschreibung

Temperature resistance	-40 °C to + 150 °C
Permissible total deformation	25 %
Packaging	310 ml-cartridge

Use

Substrate preparation	The surfaces to be bonded must be firm, dry, clean, load-bearing, and free of separating agents. Completely remove non-load-bearing layers. Cover the joint edges with masking tape. Prime the joint edges on highly absorbent substrates with Lacryl Deep Penetrating Primer ELF 595. Pre-fill deeper joints with a suitable foam material, e.g., Joint Gap filling cord 387, in accordance with BFS Leaflet No. 23. Depending on the substrate, we recommend performing adhesion tests before application. Ensure sufficient ventilation.
Joint dimension	The joint depth should always be in the correct ratio to the joint width. As a general rule for the ratio between the joint depth and joint width, the ratio of 1:1 applies to a joint width of up to 10 mm with a minimum width and depth of 6 mm. This ratio amounts to 1:2 for joints that are wider than 10 mm with a minimum depth of 10 mm and maximum depth of 15 mm. Max. joint size 25 x 15 mm.
Application	Wear safety glasses and protective gloves. Cut open the threaded end of the cartridge and screw on the nozzle. Cut the nozzle tip to correspond with the joint width (diagonally) and insert the cartridge into the gun. Using the Caulking Gun 1374, firmly and evenly apply the material to the joints. Use opened cartridges as soon as possible. Smooth the surface using a moist tool and remove masking tape prior to skin formation. Use clean water with commercially available wetting agent (1-2 %) as the smoothing agent. Remove any soiling while fresh with a damp cloth.
Consumption	Consumption may be determined as follows: width of joint x depth of joint x length of joint. In the case of a joint cross section of 5 x 5 mm, one cartridge will be sufficient for approx. 12.4 m. Determine exact consumption by means of a test application on the object to be coated.
Application temperature	Apply at air and object temperature of +5 °C to +40 °C.
Tool cleaning	Immediately after use, clean tools with Special Synthetic Resin Thinner 915. Clean hands with soap and water. Cured Neutral Silicone 386 can only be removed mechanically.

Drying (+20 °C, 65 % relative humidity)

Skin formation after approx. 5–10 minutes, curing approx. 7 mm in 7 days. Allow for longer drying time if the temperature is lower and/or the humidity is higher.

Storage

Store in a dry place at a temperature between +5 °C and +25 °C. Can be stored in an unopened original container for approx. 15 months.

Declaration

Product code	Not assigned. Comply with the specifications in the current Safety Data Sheet.
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Notes

Not for use with water exposure

Not suitable for constant water exposure.

When using in exterior areas, take note of the following

Only use in exterior areas under good, dry weather conditions. This must be ensured for at least 5 hours after application.


Compatibility

After curing, coating-compatible with many coating materials. In the event of contact with alkyd resin coatings, yellowing can occur in the paint coating or sealant. Perform tests in each individual case to assess the adhesion and compatibility. Never paint over elastic sealants.

Further information

Follow the instructions on the data sheets of the products used.

CE-Marking

 NB 1213 <hr/> Brillux GmbH & Co. KG Weseler Straße 401 D-48163 Münster 15 <hr/> DoP Nr.:0386-15651-02 EN 15651-1:2012 und 15651-2:2012 0386-15651-02 Typ F EXT-INT CC 25LM – Typ G CC 25LM <hr/> Joint sealant for facades that is suitable for cold climate zones and for glazing	
Reaction to fire	Class E
Vertical stability	< 3 mm
Volume loss	< 10 %
Tensile behavior at -30 °C	< 0,9 MPa
Tensile behavior under prestress at -30 °C	passed (NF)
Durability	passed (NF)
Tensile behavior under prestress after immersion in water	passed (NF)
Adhesion/elongation behavior and impact of heat, water and artificial light	passed (NF)
Resilience	> 70 %

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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