

CS 28

Marble joint sealant

High-quality silicone for sealing expansion joints in natural stone and marble coverings

CHARACTERISTICS

- ▶ fungicidal
- ▶ neutrally curing
- ▶ elastic
- ▶ for indoor and outdoor use
- ▶ no discoloration or greasing of the joint margins of natural stones

SCOPE OF USE

For sealing joints between building elements made of brickwork, concrete and tile coverings.

For expansion joints in natural stone and marble coverings made of granite, limestone, quartzite, travertine, shell marl, sandstone, Solnhofen tiles and Carrara marble.

Adheres without priming coat to polyester, porcelain, wood (scumbled or varnished) and tiles.

Other joint flanks, e.g. concrete or plasters, must first be primed with CS 34.

Not suitable for use on surfaces in contact with food and in drinking water tanks.

SUBSTRATE PREPARATION

Joint flanks must be dry, solid, clean and free of substances which may impair adhesion (e.g. oil, grease). Completely remove any remains of old joint sealants. Clean greasy joint flanks with a suitable solvent.

The cross-section of joints must be dimensioned so that movement of max. 15 % is possible in the long term.

Always avoid adhesion to three flanks.

Observe joint widths of at least 5 mm indoors and of at least 10 mm outdoors. Fill expansion joints with strips of closed-cell beading foam. Mask off the joint edges with smooth adhesive tape.

If necessary, prime with CS 34.

Do not brush the primer beyond the joint edges.

Allow to air for at least 30 minutes but at most 3 hours.



APPLICATION

Cut off the cartridge cap before the thread of the injection nozzle. Screw the nozzle on and cut it off at an angle to match the joint width. Squeeze the sides of the cartridge to inject the sealant cavity-free into the joint. Smooth the sealant within 10 minutes, using a spreader or other tool and water. Immediately pull off the adhesive tape. Remove excess sealant immediately. Hardened material can only be removed with a knife or razor blade. If work is interrupted, press out a small quantity of sealant to form a plug in the nozzle. Simply pull the plug out again when work is continued.

PLEASE NOTE

Silicone-rubber compounds cannot be painted over. Use CS 28 only in dry conditions and at temperatures of +5 °C to +40 °C.

Do not apply the primer beyond the bonding flank since this may later cause discoloration, especially on light-coloured natural stones.

Keep out of children's reach. Avoid contact with eyes and skin. In case of contact rinse thoroughly with water and obtain medical advice if necessary.

Use CS 28 only in well-ventilated rooms or in the presence of an extractor. During use and curing a volatile irritant substance is released. If this is inhaled in high concentrations over a longer period, damage to health cannot be excluded.

Handle and use biocide properly. Pay attention to the label and product information before using.

Use other building products for permanently elastic joint sealing in exposed areas, especially where chemicals are used, and on substrates not listed above.

Observe the warnings-, safety- and waste advice given in the safety data sheet.

Should you need support or advice, please consult our advisory service for architects and craftsmen on the hotline numbers

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TECHNICAL DATA

Base:	silicone-rubber	
Density:	approx. 1.04 g/m ³	
Shore A hardness:	approx. 30	
Application temperature:	+5 °C to +40 °C	
Temperature resistance:	-40 °C to +140 °C	
Permissible total deformation:	approx. 25 %	
Modulus of elasticity:	approx. 0.4 N/mm ²	
Cross-linking:	approx. 2 mm in 24 hours	
Skin formation:	approx. 15 minutes	
Joint widths:	5 to 20 mm	
Amount required:	ml/m	Joint cross-section (mm ²)
	25	5 x 5
	50	10 x 5
	100	10 x 10
	150	15 x 10
Colours:	light beige, light grey, natural white.	
Storage:	Shelf life approx. 12 months in a cool and dry place. Use up opened cartridges as soon as possible.	

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

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