

Construction Si

Properties	Value	Unit	Method / Remarks
Uncured Rubber:			
Crosslinking System	oxime		
Tack Free Time	10	min	23 °C, 50 % RH
Density	0,97	g/ml	
Consistency	non-sag		
Application Temperature	+5 to +40	°C	
Shelf Life	18	months	between +5 and +25 °C
Cured Rubber:			
Elongation at Break	630	%	DIN 53504
100% Modulus	0,19	MPa	DIN 53504
Hardness, Shore A	9		DIN 53505
Tensile strength	0,85	MPa	DIN 53504
Temperature resistance	-50 to +120	°C	
Joint movement capability	12,5	%	
Paintable	no		
Standards	EN 15651-1: F-EXT-INT CC 12,5E EN 15651-2: G-CC EN 15651-3: S XS2 VOC: A+		

Product Details

Construction SI is a versatile one-component construction and sanitary silicone sealant for sealing building joints and glazing systems. The product is neutral and almost odourless. After application the silicone cures with atmospheric moisture to form a durable rubber seal.

Application

- joint sealing to precast concrete and brickwork
- parameter and curtain wall sealing
- glazing systems and cap beading
- for kitchens, bathrooms and showers
- not recommended for aquaria, PMMA, PE, PP, Teflon and bituminous surfaces and wax or paraffin containing surfaces
- not recommended for direct contact with the perimeter of isolation glass and the edges of laminated safety glass

Direction for use

In general Construction SI may be used, also without primer, to seal assemblies of glass, glazed surfaces, aluminum and many other metals, unplasticized plastics like polyester, rigid polystyrene, ABS and most uPVC and painted wood.

On porous substrates like concrete and brickwork, depending on the porosity, a primer may be necessary. Surfaces must be clean, dry and sound. If necessary, use a primer. Adhesion tests prior to the application are recommended.

For further safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

The information in this adhesive's brochure and our application-technology consulting, verbally and in writing, is given to the best of our knowledge, but is non-binding and is not a guarantee in the sense of § 443 BGB. We recommend that, before using our products, you check the suitability for the intended application. As the individual product can be used for a wide range of applications and the conditions on site that cannot be estimated, we also recommend testing the bonding before using the product.