

Construction Pro SI (DBSA)

Properties	Value	Unit	Method / Remarks
Uncured Rubber:			
Crosslinking System	alkoxy		
Tack Free Time	approx. 35	min	23 °C, 50 % RH
Curing Speed	2	mm/d	23 °C, 50 % RH
Density	1,02	g/ml	
Consistency	non-sag		
Application Temperature	+5 to +40	°C	
Shelf Life	15	months	+5 to +25 °C
Cured Rubber:			
Elongation at Break	300	%	ISO 8339
Stress at 100 % Elongation	0,37	MPa	ISO 8339
Tensile Strength	0,7	MPa	ISO 8339
Hardness, Shore A	24		ISO 868
Temperature Resistance	-40 to +150	°C	
Joint movement capability	25	%	ISO 11600
Standards	ISO 11600 F + G, Klasse 25 LM DIN 18545-2 E EN 15651-1: F-EXT-INT 25 LM EN 15651-2: G-CC 25 LM EN 15651-3: XS1 SNJF V + F: 25 E		

Direction for use

The surfaces must be clean and dry, free of dust, dirt, oil, grease or the like. Clean non porous substrates with organic solvents and a clean, white, non-fuzzing cotton cloth. Dry the surface immediately (before the solvent evaporates) with a second clean cotton cloth.

fischer Construction Pro SI shows good adhesion to most materials without using a primer on lots of non-porous, alkaline substrates such as glass, ceramic tile, glazed ceramic tile, enamel or clinker; on metals such as aluminium, steel, zinc and copper, on coated or impregnated wood, on plastics such as PVC and Polycarbonate. For special substrates and surfaces it is recommended to perform adhesion tests.

fischer Construction Pro SI may be discolored in contact with some organic elastomers, e.g. EPDM and neoprene. It is not suitable for applications involving contact with natural stone, as it may cause staining.

Product Details

fischer Construction Pro SI is a one-component, neutral-curing, low-modulus silicone sealant with outstanding adhesion and very good processing properties for connection, expansion and corner joints. Particularly suitable for use in the construction and assembly sector, e.g. balconies, terraces, doors and windows. The sealant is characterized by its very good UV and weather resistance, low volume shrinkage during vulcanization and rapid cross-linking.

fischer Construction Pro SI adheres without primer to most substrates, can be used on alkaline substrates such as concrete, mortar or fiber cement.

fischer Construction Pro SI is paint-compatible with commercial paint, varnish and glaze systems according to DIN 52452, but cannot be painted over.

For further information on handling, please refer to the safety data sheet; this contains important information.

The application instructions in this technical data sheet and our technical advice on application, whether spoken or written, are given to the best of our knowledge but do not constitute either a warranty as to the nature or usability of the products or an independent or dependent promise or warranty declaration of any kind. We recommend to always check the suitability of our products for the intended use. Due to the wide variety of possible applications for each individual product and the unpredictable conditions at the place of processing, we recommend testing the function on the substrates before use.