

Construction SI (Building Silicone DBSI)

Properties	Value	Unit	Method / Remarks
Uncured Rubber:			
Crosslinking System	oxime		
Tack Free Time	10	min	23 °C, 50 % RH
Consistency	non-sag		
Application Temperature	+ 5 to + 40	°C	
Shelf Life	18	months	+5 °C to +25 °C
Curing speed	2 - 3	mm/d	23 °C, 50 % RH
Cured Rubber:			
Hardness, Shore A	18		DIN 53505
Joint movement capability	25	%	
Temperature resistance	- 40 to + 180	°C	
Standards	EN 15651-1: F-EXT-INT EN 15651-3: S XS1		

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 SI shows good adhesion to most materials without using a primer on lots of nonporous, 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 and on a variety of plastics. For special substrates (especially plastics) it is recommended to perform adhesion tests. Among others not recommended for aquaria, PMMA, PE, PP, Teflon and for direct contact with the perimeter of isolation glass and the edges of laminated safety glass.

fischer Construction 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 can cause staining.

Product Details

fischer Construction SI is a one-component, neutral-curing silicone sealant with very good adhesion for the construction sector. The sealant is fungicidal and characterized by its excellent UV and weathering resistance and fast cross-linking.

fischer Construction SI is suitable for connection and movement joints in the sanitary, kitchen and construction sector as well as glazing in windows and doors. In addition, fischer Construction SI can be used for sealing concrete and façade components in metal and container construction

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

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

The information in this adhesive 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.