

Construction Silicone Premium 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	18	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 Silicone Premium DBSA 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 Silicone Premium DBSA 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 Bausilicon Premium DBSA 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 Bausilicon DBSA adheres without primer to most substrates, can be used on alkaline substrates such as concrete, mortar or fiber cement.

fischer Bausilicon Premium DBSA is paint-compatible with commercial paint, varnish and glaze systems according to DIN 52452, but cannot be painted over.

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

The information in this adhesives 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.