

Sanitary Silicone DSSI

Properties	Value	Unit	Method / Remarks
Uncured Rubber:			
Cross Linking System	acetoxo		
Tack Free Time	13	min	23 °C, 50 % RH
Density	0,97	g/ml	
Consistency	non-sag		
Extrusion Rate	600	ml/min	3mm / 6,3 bar
Application Temperature	+ 5 to + 40	°C	
Shelf Life	18	months	
Cured Rubber:			
Tensile Strength	1,3	N/mm ²	DIN 53504
Elongation at Break	600	%	DIN 53504
Stress at 100 % Elongation	0,30	N/mm ²	DIN 53504
Hardness, Shore A	15		DIN 53505
Movement Capability	± 25	%	
Temperature Resistance	-50 to +120	°C	

Product Details

fischer Sanitary Silicone DSSI is a one-part, acid-curing silicone sealant for general-purpose sealing and for sanitary applications. The sealant features rapid cross-linking and good adhesive strength to glass, vitrified surfaces, ceramic tiles, many plastics and most paints.

Direction for use

The substrate areas that will be in contact with the sealant must be clean, dry, and free of all loose material, dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, white, lint-free, cotton cloth. Wipe dry immediately with another such cloth before the solvent evaporates from the surface.

fischer Sanitary Silicone DSSI exhibits excellent primer less adhesion to many non-porous siliceous materials, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker; impregnated, varnished or painted wood; plastics, e.g. epoxide, polyester, polyacrylate and Resopal®. Preliminary compatibility tests are recommended on certain substrates.

fischer Sanitary Silicone DSSI should not be used on substrates such as marble, concrete, fibrous cement and mortar, as the product releases acetic acid during vulcanization. It should not be used in contact with metals such as lead, copper, brass or zinc due to corrosion. The sealant may be discolored in contact with some elastomers, e.g. EPDM and neoprene. It should not be used in contact with prestressed polyacrylate elements as it may cause stress cracking. Not suitable for application on PE, PP, Teflon an aquaria.

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.