B1 Silicone Premium DFS

Properties	Value	Unit	Method / Remarks
Uncured Rubber:			
Crosslinking System	Neutral (alkoxy)		
Tack Free Time	10 - 15	min	23 °C, 50 % RH
Density (transparent)	1,2	g/ml	
Curing speed	2 - 3	mm/d	23 °C, 50 % RH
Consistency	non-sag		
Application Temperature	+ 5 to + 40	°C	
Shelf Life	18	months	+5 °C to +25 °C
Cured Rubber:			
Elongation at Break	600	%	
Hardness, Shore A	30		DIN 53505
Movement Capability	± 25	%	
Temperature Resistance	- 40 to + 150	°C	
Standards	DIN 4102-1: B1 EN 15651-1: F-EXT-INT-CC EN 15651-2: G-CC EN15651-3: S		

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 B1 Silicone Premium DFS 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, aluminum and many other metals, plasticized plastics like polycarbonates, acrylics, polyester, polystyrene sheet and most uPVC, painted wood, concrete and brickwork. For special substrates (especially plastics) it is recommended to perform adhesion tests.

fischer B1 Silicone Premium DFS is not suitable for applications involving contact with natural stone, as it may cause staining. The silicon is not a structural glazing sealant. Among others not recommended for locations subject to continuous water emersion and not for aquaria, PE, PP, Teflon, and wax containing surface. In contact with some organic elastomers, e.g. EPDM, APTK and neoprene the sealant may be discolored.

Product Details

fischer B1 Silicone Premium DFS is a one component, neutral curing silicone sealant for sealing fire retardant joints. The product is almost odourless and cures with atmospheric moisture to form a durable rubber seal.
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Applications

- fire retardant expansion and joint sealing to precast concrete, brickwork and masonry
- fire retardant perimeter pointing and curtain wall sealing
- sealing fire retarding glazing systems and cap beading
- sealing joints where spreading of fire, smoke, water or toxic gases is imminent
- sealing joints around cable and pipe penetrations

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