

Multi Silicone DMS

| Properties | Value | Unit | Method / Remarks |
|-------------------------|---------------|--------|-------------------|
| Uncured Rubber: | | | |
| Crosslinking System | acetoxo | | |
| Tack Free Time | approx. 8 | min | 23 °C, 50 % r. h. |
| Density | 0,93 | g/ml | |
| Consistency | non-sag | | |
| Storage Temperature | + 5 to + 25 | °C | |
| Application Temperature | + 5 to + 40 | °C | |
| Curing Speed | 2 | mm/d | 23 °C, 50 % RH |
| Shelf Life | 12 | months | cool, dry |
| Cured Rubber: | | | |
| Elongation at Break | > 500 | % | DIN 53504 |
| 100 % Modulus | 0,1 | MPa | DIN 53504 |
| Tensile strength | 0,8 | MPa | DIN 53504 |
| Movement Capability | ± 25 | % | |
| Shore-A hardness | 10 | | |
| Temperature Resistance | - 50 to + 120 | °C | |
| Rot proof | yes | | |

Product Details

fischer Multi Silicone DMS is a one-part, acid-curing silicone sealant for general-purpose sealing in do-it-yourself applications. The sealant features rapid cross-linking and good adhesive strength to glass, vitrified surfaces, ceramic tiles and some plastics.

Direction for use

The substrate areas that will be in contact with the sealant must be clean, dry, 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 Multi Silicone DMS exhibits excellent primer less adhesion to many non-porous siliceous materials, e.g. glass, tiles, ceramics, glazed tiles and clinker, painted wood and certain plastics. Preliminary compatibility tests are recommended on unusual substrates.

fischer Multi Silicone DMS should not be used on substrates such as marble, sandstone, 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.

Due to its fungicidal features the fischer Multi Silicone should not be used for sealing aquariums. The sealant may be discolored in contact with some elastomers, e.g. EPDM, APTK and neoprene. It should not be used in contact with prestressed polyacrylate elements as it may cause stress cracking. DMS is not recommended for plastics like PE, PP or Teflon.

The fischer Multi Silicone DMS is not paintable.

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.