Multi MS

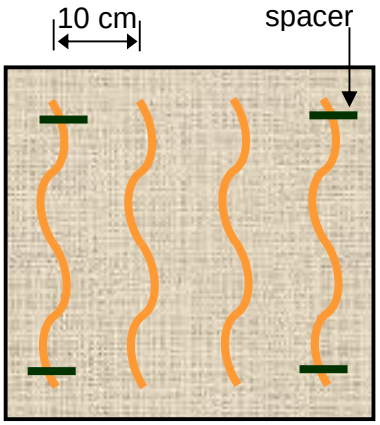
Properties	Value	Unit	Method / Remarks
	System		
Chemical Base	Hybrid		
Consistency	paste		
Density	1.56	g/ml	ISO 2811
Color, cured adhesive	depending on type		
Application rate	100 - 300	g/min	⌀ 2,5mm/ 6,3 bar
Storage temperature range	+5 to +25	°C	
Shelf life	18	months	+5 to +25 °C
Frost resistance during transportation	-15	°C	
	Handling		
Application temperature range	+5 to +40	°C	
Tack free time	10	min	23 °C, 50 % rel. h.
Curing rate	2 - 3	mm/24h	23 °C, 50 % rel. h.
Flow	< 2	mm	ISO 7390
Max. gap fill	bonding < 2	mm	
	sealing 6 - 25	mm	
Application	One or both sided; entire surface, wavelike or in spots		

	Performance of cured material		
Service temperature range	-40 to +110	°C	
Movement accommodation	25	%	
Tensile strength	2	MPA	DIN 53504 S2
Elongation at break	350	%	
Module at 100% elongation	1,15	MPA	DIN 53504 S2
Hardness	52	Shore A	
Standards	EN 15651-1: F-EXT-INT-CC 25 HM EN 15651-3: S XS3 EN 15651-4: PW-EXT-INT-CC 25 HM Emicode EC1 Plus ISEGA A+ (French VOC Regulation) LEED		

Directions for use

Surfaces must be clean and free of dust and grease.
One of the materials to be joined together should be absorbent.
Use a soap solution to smooth before the skin forms.

To bond two non absorbent materials with each other, please note the following:
The adhesive must be applied in shape of parallel strings in a distance of about 10 cm. To guarantee rear ventilation, the substrates must not be pressed completely together. If necessary insert a spacer (for example a match without head) in the adhesive gap (see drawing below).



Application

Bonding and sealing in the construction and metal industries.
For sealing and connecting skirting boards, plasterboard, panels, terracotta, wood, metals.

Powerful, elastic bonding of metals, plastics, concrete, brick, plasterboard, wood, render, ceramic, aircrete, fibre cement, HPL, pumice, PVC, ABS, cork, enamel, glass and many more.

At least one of the components to be bonded must be absorbent. To bond two non-absorbent materials: see “directions for use”.

Not suitable for bonding to PE, PP, PC, soft plastics, neoprene, PTFE and bituminous substrates, as well as for underwater applications, permanent wet loads and for aquariums.
Multi MS is not suitable for natural stone and mirrors.

Properties / Features

- Adhesive and sealant for indoor and outdoor use
- Permanently elastic
- Isocyanate, silicone and solvent free
- Shrink and bubble free
- Excellent UV, weather, moisture and mold resistance
- almost odorless
- not corrosive in connection with metals
- Excellent mechanical properties
- Absorbs acoustic and mechanical vibrations
- paintable *

* fischer Multi MS can be painted over with water-based and most 2-component paints. Due to the large number of paint systems available on the market, we recommend appropriate compatibility and adhesion tests in advance.

Surface cleaning

At least one surface should be porous. Substrates should be dry, clean and free of dust, grease and loose particles.

Directions for use

Use a caulking gun. Apply the adhesive onto one surface in beads or dabs (every 15 cm for panels).
Always apply the adhesive to the edge and cones of the panels.
Clean equipment used immediately upon completion.

Cleanup

Before hardening - with water, after - mechanical cleaning.

Storage

Cool and dry storage at temperatures between +5°C and +25°C. Do not expose to frost.

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