

## Flex MS

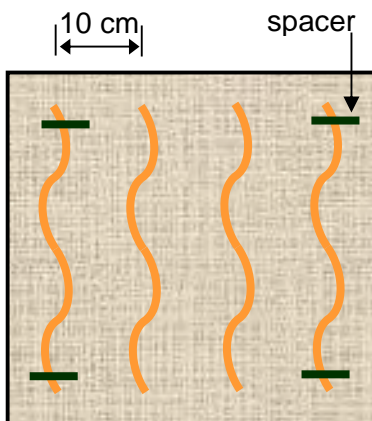
Properties	Value	Unit	Method / Remarks
	System		
Chemical Base	Hybrid		
Consistency	paste		
Density	1.34	g/ml	ISO 2811
Color, cured adhesive	depending on type		
Application rate	120	g/min	∅ 4 mm/3 bar
Storage temperature range	+5 to +25	°C	
Shelf life	15	months	+5 to +25 °C
Frost resistance during transportation	-15	°C	
	Handling		
Application temperature range	+5 to +40	°C	
Tack free time	90	min	23 °C, 50 % rel. h.
Curing rate	2 - 3	mm/24h	23 °C, 50 % rel. h.
Flow	< 3	mm	ISO 7390
Application	One or both sided; entire surface, wavelike or in spots		

	Performance of cured material		
Service temperature range	-30 to +70	°C	
Movement accommodation	25	%	
Tensile strength	1,3	MPA	DIN 53504
Elongation at break	600	%	
Module at 100% elongation	0,45	MPA	DIN 53504 S2
Hardness	25	Shore A	DIN 53505
Standards	EN 15651-1: F-EXT-INT-CC 25 LM EN 15651-4: PW-EXT-INT-CC 25 LM Emicode EC1 Plus A+ (French VOC Regulation) ASTM C1248 (non-staining) ASTM C920 S-NS-C50-Nt-T1-M-A-G SNJF F25E		

**Directions for use**

Surfaces must be clean and free of dust and grease.  
 One of the materials to be joined together should be absorbent.

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.

Universal sealant for sealing construction and dilatation joints and joints in pedestrian walkways on most common building materials such as concrete, brickwork, painted wood, enamel, aluminium, stainless steel and a variety of plastics.

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, PMMA, soft plastics, neoprene, PTFE and bituminous substrates, as well as for underwater applications, permanent wet loads and for aquariums. Flex MS is not suitable for natural stone, mirrors and glazing joints.

## Properties / Features

- Permanently elastic
- Isocyanate, silicone and solvent free
- Shrink and bubble free
- Good resistance to UV, water and weather
- almost odorless
- not corrosive in connection with metals
- high mechanical resistance
- paintable \*

\* fischer Flex 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 information on handling, please refer to the safety data sheet; this contains important information.

The application instructions in this technical data sheet and our technical advice on application, whether spoken or written, are given to the best of our knowledge but do not constitute either a warranty as to the nature or usability of the products or an independent or dependent promise or warranty declaration of any kind. We recommend to always check the suitability of our products for the intended use. Due to the wide variety of possible applications for each individual product and the unpredictable conditions at the place of processing, we recommend testing the function on the substrates before use.