MS-SF



PRODUCT DESCRIPTION

- Super-Fast Adhesive and Sealant High Tack MS hybrid polymer based mono component with high initial strength of adhesion and remarkable mechanical properties after hardening

CHARACTERISTICS

- Easy application even at low temperatures or on wet surfaces
- Resistant to UV-light resistant, and atmospheric effects it doesn't bleach
- High initial strength of adhesion (1 seg)
- Remarkable mechanical properties after hardening (430 kg/10 cm^2)
- Eco-friendly, doesn't contain diluents, isocyanate and silicones. Chemically neutral and odorless
- It doesn't release any substance while curing, doesn't cause corrosion
- Good mechanical properties, elasticity and flexibility, applicable on wet surfaces. Waterproof once has cured
- Easily painted and sanded with most paints, thinner based paints and coatings not recommended
- Excellent adhesion to different materials like marble, ceramic, metal, aluminum, glass, expanded and extruded polystyrene, waterproof plywood, etc.
- For indoor and outdoor use
- Thixotropic, does not slump in vertical joints, fast curing
- Resistant to various chemicals
- Resistant to extreme climatic conditions, rain and snow
- Service temperature range: -40ºC +90ºC

APPLICATIONS

- For elastic adhesion of parts of structures which are exposed to vibrations
- Adhesion of different and heavy materials in demanding situations
- Initial strength adhesion. Reduce installation times
- Suitable for working without additional fixation

BASE MATERIAL



1. RANGE

ITEM	CODE	SIZE	PHOTO	COLOR	MATERIAL	
1	**MSSF290**	290 ml.			White super-fast adhesive and sealant MS hybrid polymer based Format: cartridges of 290 ml	12

2. ACCESSORIES

ITEM	CODE	PHOTO	COMPONENT	MATERIAL
1	**MOPISSI**		APPLICATION GUN	Application gun for silicone cartridges

3. TECHNICAL CARACTERISTICS

3.1 MS-SF fresh adhesive

Characteristic	Criteria	Unit	Value
Appearance	[--]	[--]	Homogeneous paste
Skin formation	23°/50% relative humidity	Minutes	5 min
Curing speed/time	23°/50% relative humidity	mm / day	2 – 3
Resistance to flow	ISO 7390	mm	0
Application temperature	[--]	°C	+5 to +40

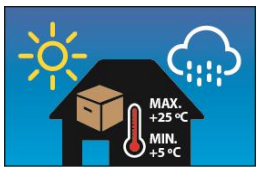
3.2 MS-SF cured adhesive

Characteristic	Standard	Unit	Value
Hardness shore A	ISO 868	[--]	60 - 70
Tensile resistance	ISO 10563	%	< 1,5
Module E 100%	ISO 8339	MPa	1,60
Elongation at break	ISO 8339	MPa	> 1,30
Tensile resistance	ISO 8339	%	100 – 200
Elongation at break	ISO 37	MPa	2,7 – 3,3
Change in volume	ISO 37	%	150 – 250
Elastic recovery	ISO 10563	%	< 1,5
Service temperature	[--]	°C	-40 to +90

4. STORAGE CONDITIONS

Keep the product stored in a dry place, away from direct sunlight and heat sources, at an average temperature between +5 ºC and +25 ºC.

Shelf life of unopened cartridge: 15 months from the date of manufacture. The expiration date is indicated on the cartridge.



5. PRODUCT APPLICATION

Application procedure

1. The application surface must be dry, hard, clean, dust and fat free.
2. The object to which the adhesive is applied should be put in the desired place 15 minutes after adhesion at the latest. To ensure better performance do it in minimum time available.
3. Apply the adhesive in line or in spots, the nozzle must be placed perpendicular to the adhesion surface. Apply the product in the opposite direction of the V opening in the nozzle.
4. The non-hardened adhesive may be removed with alcohol, but the hardened adhesive can only be removed mechanically
5. **Yield:** When using the nozzle supplied with the cartridge, an approximate yield of **7.25 linear meters** is achieved.