



PRODUCT	Multiseal Sealant
MISSION	One-part Hybrid Sealant base on an Silane Modified Polymer / MS Technology
CHARACTERISTICS	Multiseal Sealant is high performance sealant and adhesive base on an Silane Modified Polymer / MS Technology , one component, joint-filling sealant that does not contain solvent or isocyanate and can be applied for multi purposes. It is produced according to EN 15651 norms by the polymer institute and suitable for painting. Multiseal Sealant have only 0% VOC , is green sealant for all green building designs.
APPEARENCE	Thixotropic paste

APPLICATION INSTRUCTIONS			
TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Sealant gun	Ready to use		DIL A1

LAYING SURFACE	The surface should be perfectly clean with no traces of oil, grease, dust.
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Approximate consumption						
Joint width	10 mm	15 mm	20 mm	25 mm	30 mm	35 mm
Joint Depth	8 mm	8 mm	10 mm	12 mm	15 mm	15 mm
Joint length /600 ml	6 meters	5 meters	3 meters	2 meters	1.3 meters	1.1 meters

APPLICATION INSTRUCTIONS	When laying the product the environmental and deck temperature should be between 5°C and 40°C
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TECHNICAL PROPERTIES	
Base	Silane Modified Polymer / MS Technology
Curing Mechanism	Moisture Curing
Consistency / Color	Thixotropic paste / White, Grey
Movement Capability	±25% (ISO 9047) , ±35% (ASTM C 719)
Odor	Odorless
Density (DIN 52451-PY)	1.60 ± 0.03 g / ml
Tack Free time	20-25 min. (23°C and 50% R.H)
Curing Performance	Min.2.5 mm/24h (23°C, 50% R.H.)
Full cure,	7 days
Modulus @ 100 % Elongation	~0.45 N/mm ² at 100 % elongation (+23 °C) ~1.10 N/mm ² at 100 % elongation (-20 °C)
Tear Propagation Resistance	~7.0 N/mm (ISO 34)



Tensile Strength	1.5-2.0 N/mm ² (ASTM D412, DIN 53504)
Hardness Shore A	40±5 (ISO 868, ASTM C661)
Sagging	0 mm (ISO 7390)
Elongation at break	≥%600 (DIN 53504)
Elastic Recovery	≥ 90% (ISO 7389 , DIN EN 27389-B-200)
Temperature Resistance	- 40 °C to + 90 °C, short time up to +100°C
Application Temperature	5°C to 40°C

PACKAGING INSTRUCTIONS	COLOURS AVAILABLE Grey, White	PACKAGING 600 ml cartridges in boxes of 20 cartridges; 310 ml cartridges in boxes of 25 cartridges
STORAGE INSTRUCTIONS	STORAGE TEMPERATURE MIN 10° C – MAX 30° C	STABILITY IN THE ORIGINAL PACKAGE 12 months
SAFETY STANDARDS	Please read the safety data sheet carefully before using this product.	

KEY FEATURE

- Does not contain solvent, silicone or isocyanate
- Weatherability & Waterproof : becomes elastic and flex with air humidity
- Unaffected by weather conditions and expansion
- Fast Tack free time and quick cure rate. Increase productivity.
- **Excellent elasticity and very good adhesion strength. Possesses permanent elasticity**
- **Bubble-Free , No bubble formation, even in wet and humid conditions**
- **Non staining** . Does not cause oil stains in panels and porous material
- **Very good UV resistance , UV durability (QUV test : ASTM 792 , ASTM C793)**
- Over-paintable with water based paints
- No shrinkage , No sagging – Thixotropic , very easy to apply
- No surface tackiness after full cure. Do not pick up dirt.
- Low VOC , Non Toxic , Non hazardous , Safe to human and environment.

RECOMMENDED USES :

- For Concrete joints ,
- Expansion joints between pre-cast concrete panels and tilt up panels.
- Joints between prefabricated construction materials
- Pre-engineered building
- Insitu concrete
- Brickwork & block work
- Window and Door Perimeter
- Roofing and gutter
- Metal building construction
- HVAC System

