

NEW

MACSIM®

MS601

MACFLEX

Polyurethane Hybrid



Environmentally Friendly

SEAL WITH CONFIDENCE

The Ultimate Hybrid Polyurethane Sealant

- **Eco-Friendly & Safe:** Isocyanate-free, solvent-free, and very low odour for healthier work environments.
- **Built to Move:** Exceptional elasticity and high joint movement capability (25%) ensure your projects withstand the test of time.
- **Perfect Finish, Every Time:** No sagging. No slumping. Only a smooth, clean finish even on vertical and overhead joints.
- **Tough Against the Elements:** Outstanding UV and weather resistance for long-lasting durability indoors and out.
- **Versatile Adhesion:** Bonds to concrete, metal, wood, PVC, and many common materials without primer.



For information and advice
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MS601 MACFLEX

Hybrid Polyurethane

DESCRIPTION

A high-performance, low modulus, hybrid polyurethane sealant formulated for flexible joint applications in masonry. Free of isocyanates, solvents, and hazardous materials, it offers exceptional adhesion, movement capability, and weather resistance for both interior and exterior use.

FEATURES

- Low modulus, high elasticity Isocyanate-free and solvent-free formulation
- Low odour emission
- Excellent UV and weather resistance
- No sagging or slumping
- High movement capability (25%)
- Fast skin formation and curing
- Paintable with most water-based paints
- Primerless adhesion on many common substrates

TECHNICAL DATA

TYPICAL PROPERTIES

Chemistry	Hybrid Polyurethane
Consistency	Thixotropic Paste
Curing System	Moisture Curing
Colour	Black, Grey, White
Skinning Time	10-15 Mins. (at 23°C/50% RH)
Cure Rate	Min. 2.5mm per day
Sagging (ISO 7390)	0mm
Shore A Hardness (ISO 868)	45 ±5
Specific Gravity	1.62
Movement Capability	25%
Tensile Strength (DIN 53504)	1N/mm ²
Elongation at Break (DIN 53504)	≥ 450%
Shrinkage (ISO 10563)	<2%
Paintability	Good
Application Temperature	+5°C to +40°C
Service Temperature	-40°C to +90°C

PRODUCT DETAIL

CODE	DESCRIPTION	COLOUR	BARCODE
53PMSPSB	Macflex 600ml	Black	9312862097038
53PMSPSG	Macflex 600ml	Grey	9312862097045
53PMSPSW	Macflex 600ml	White	9312862097144

APPLICATIONS



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