

## SET-60

### MS POLYMER FOR SEALING AND BONDING ON BUILDING MATERIAL

- Perfect bonding on various materials (metal, laquer, aluminium, wood, glass...)
- Can be applied on dry and wet surfaces
- High adhesive strength
- Can be easily painted and overlapped
- Contains no isocyanides, solvents and silicone
- Fast curing
- UV and weather Resitant
- Seawater Resistant
- Fire Retardant Class B2
- Mould Inhibiting
- Mould Resistant



### Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

### General Information

SEAL TECH 60 is a sealant based on MS polymer specially designed sealing and bonding applications. SEAL TECH 60 is odourless and can be applied indoor and outdoor. Due to its special formulation SEAL TECH 60 offers perfect bonding on all kinds of material like

metals, aluminium, wood, glass, stone and laquered surfaces. It can be used in very thin layers or overlapped (even if hardened) until 15 to 20 mm. It can be painted, also wet on wet.

### Technical Information

Base: MS polymere  
 Physical state: Paste  
 RAL colors: beige 1013, grey 7004, brown 8007, white 9010, black 9011  
 Odour: odourless  
 Boiling point (at atmospheric pressure): < 34°C  
 Vapour pressure (at 20°C): 100 Pa  
 Density (at 20°C): 1,6527 g/cm³  
 Relative density (at 20°C): 1,653  
 Solubility properties: Soluble in organic solvents  
 Flash Point: > 180°C  
 Autoignition temperature: ≈ 420°C  
 Flow: 5 bar/3 mm/23°C 140 g/min  
 Skin cure: 23°C 50% R.V. 8 minutes  
 Non-adhering: 23°C 50% R.V. 25 minutes  
 Full cure time: 23°C 50% R.V.  
 24 hours - 6 mm / 48 hours - 7 mm / 72 hours - 8 mm  
 Max. allowable deformation 12,5% (according to ISO 9046)  
 Expansion joints for ISO 11600 F 12,5% HME construction  
 Volume shrinkage after cure: < 3%  
 Hardness - DIN 53505: 58 Shore A

Tensile Strength: after 7 days: 260 N/cm², after 1 month: 280 N/cm², after 3 months: 310 N/cm²  
 Tear Strength: 140 N/cm² DIN 53507  
 Adherence: to most surfaces. Attention: bad adherence to PE, PP, silicones,...  
 Thermal stability: -40°C till +95°C. Short period for powder coating process to +200°C  
 Elongation at rupture -DIN 53504: > 350%  
 Contains no isocyanates: non-toxic  
 Application temperature: from +5°C up to +40°C  
 Chemical resistance:  
 good: water, seawater, aliphatic solvents, oils, greases, diluted organic acids, lyes  
 moderate: esters, ketones, aromatics; for more information, see chemical resistance list  
 bad: concentrated acids, chlorinated solvents and swimmingpool water  
 Electrical resistance: 10 Ohm  
 Pressure resistance (ISO 11432): 1,19 N/mm²  
 UV and weather resistant  
 Water vapour transmission (DIN EN ISO 12572): 1,6  
 Shelf life: 12 months, keep dry, cool and frost-free

### Application and Use

- Clean the surface and remove dirt and grease residues with MEGA FOAM or SAFE CLEAN. Apply the product. If necessary, finish the sealing with a finger or a spatula on which SEAL TECH FINISHER has been sprayed.
- Windows, doors and facade: to seal aluminium, glass, synthetic materials, wood, metal plate, doorstep, even in combination between them. Sealing of glass in synthetic and aluminium profiles; sealing aluminium corner; sealing sliding guide in aluminium on building materias (stone, concrete, marble, ...) sealing doors profile in aluminium, plastic, wood on wall or building material; fixing and sealing ferrous and non ferrous plate on windows works.
- Plumbing industry: sealing of both PVC and metal tubing, also on galvanized ducts. Sealing sanitary and shower plate (ideal because of its odourless property and can be applied on wet surfaces), sealing washbasin (anti-fungal and bactericidal).
- Natural stones and marble: sealing and bonding on wall, building materials, fixing letters and frame on marble, bonding and sealing glass and mirror (SEAL TECH 60 does not attack the silver film of the mirror); ideal on Belgian blue stone and granite (does not stain); ideal as sealant between marble and metal. Can be easily painted even with acrylate dispersion paint.

Article nr	Name	Content	Shelf Life	Catalog
T530106	Seal Tech 60 grey	290ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T530206	Seal Tech 60 white	290ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T530306	Seal Tech 60 black	290ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T530406	Seal Tech 60 brown	290ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T530906	Seal Tech 60 beige	290ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T569000	TMT Caulking Gun 26:1	1 pc.	-	TOOLS

