

Seal & Bond MS60



- sealing and bonding with 1 product
- can be used on both dry and wet surfaces
- can be painted, even with acrylic and dispersion paints
- does not contain any solvents or isocyanates



GENERAL INFORMATION

SEAL & BOND MS 60 is a new bonding and sealing technique based on hybrid polymers.
SEAL & BOND MS 60 combines the advantages of mounting, PU and wood adhesives, silicone and sanitary silicone sealants, acrylate and butene rubber sealants in 1 product.
SEAL & BOND MS 60 is a one component product with very fast curing and a unique bonding capacity.
SEAL & BOND MS 60 is UV-resistant, anti-fungal and bactericidal.
SEAL & BOND MS 60 cures shrinkproof, resists vibrations and remains flexible.
SEAL & BOND MS 60 has the ISEGA-certificate for use in the food industry.

TECHNICAL INFORMATION

Flow	: 5 bar/3mm/23°C	140g/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 construction	: ISO 11600 F 12,5% HM E	
Volume shrinkage after cure	: <3%	
Hardness - DIN 53505	: 58 Shore A	
Tensile Strength	: 265 N/cm ²	
Tear Strength	: 140 N/cm ² DIN 53507	
Adherence	: to most surfaces	
	ATTENTION : bad adherence to PE, PP, silicones,...	
Thermal stability	: -30°C till +95°C	
	Short period for powder coating process to 200°C	
Elongation at rupture -DIN 53504	: >350%	
Contains no isocyanates	: non-toxic	
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	
Electrical resistance	: 10 ¹⁰ Ohm	
Shelf life	: 12 months	
Safety measures	: Please consult the MSDS (Material Safety Data Sheet)	

530116000-PI-Seal & Bond MS 60-EN-070122-P1/3

APPLICATIONS

Car body & garage:

- bonding of body parts: steel/steel without using a primer
- joint sealant: sealing of welded and sheet metal work joints - easy to structure and to paint
- bonding of spoilers and extension kits - good adhesion on paintwork and polyester
- sealing of water leaks, can be used on wet surfaces
- bonding of several materials. Excellent bonding on metal, primer, paintwork, zinc coating, aluminium, wood, most synthetic materials

Building:

- bonding of insulation, even on wet surfaces. SEAL & BOND MS 60 does not dissolve polystyrene foam
- as mounting adhesive for bonding of skirting boards, lathing, sidings, eaves, laths, on brick, Gyproc, cellular concrete, Ytong, concrete, mortar, etc. SEAL & BOND MS 60 replaces mechanical attachments
- as sealant for both wet and difficult surfaces. Does not attack natural stone like marble, Belgian blue stone and granite. Ideal as sealant between windows and brickwork. Can be painted perfectly, even with acrylate dispersion paints.
- windows and verandas: bonding of glass in synthetic and aluminium profiles, bonding of adhering pieces and corners pieces in production of windows

Construction:

- bonding of ferrous and non-ferrous plates on window works
- bonding of mirrors, does not attack the silver coating (always apply the adhesive in vertical lines)
- bonding of decorative panels
- in the construction of elevators: good adhesion to painted surfaces
- bonding of wooden or metal table tops
- bonding of characters and name plates on gravestones and fronts
- sealing and bonding of containers

Airconditioning - Ventilation:

- sealing of both PVC and metal tubing, excellent bonding, also on galvanized ducts

Sanitary:

- as sealant, even on wet surfaces. Does not attack acrylate. SEAL & BOND MS 60 is UV resistant, anti-fungal and bactericidal

General maintenance:

- as universal adhesive, bonds to most surfaces, contains no solvents, does not attack synthetic material
- as universal sealant. Combines the advantages of an acrylic and silicone sealant, without the disadvantages of these two products
- reduces your stock of different products
- SEAL & BOND MS 60 replaces: mounting, wood, PU adhesive, silicone sealants, sanitary silicone sealants, acrylic sealants, butyl rubber sealants. Now 1 product instead of 7
- easy to apply

HINT: For less strong surfaces such as a few wood species, old bricks, concrete, cellular concrete, ... we advise the use of Fixapox. This strengthens the surface and guarantees a strong bonding.

DIRECTIONS FOR USE

CARTRIDGE:

- Cut the tube at the nose.
- Cut off the nozzle at the desired dimension.
- Use a standard mechanical or pneumatic cartridge gun.
- Apply on a clean, degreased surface.
- Finish off the joints with Novatio SAFETY CLEAN or Novakleen.
- Clean tools with Novatio SURE CLEAN.
- When bonding mirrors: always apply the adhesive vertically, use a synthetic adhesive comb.

SAUSAGE:

- Push the added nozzle on the end of the sausage.
- Cut off the nozzle at the desired Ø.
- Always use the appropriate, closed gun (Seal & Bond Gun).
- Apply on a clean, degreased surface.
- Finish off the joints with Novatio SAFETY CLEAN or Novakleen.
- Clean tools with Novatio SURE CLEAN.
- When bonding mirrors: always apply the adhesive vertically, use a synthetic adhesive comb.

HINT: If the joints are finished off with Novakleen, we advise to wipe these joints after curing with a moist cloth.

PACKAGING

CARTRIDGE 310 ML:

Seal & Bond MS 60 black	Article number 530116000
Seal & Bond MS 60 white	Article number 530216000
Seal & Bond MS 60 grey	Article number 530316000
Seal & Bond MS 60 brown	Article number 530406000
Seal & Bond MS 60 beige	Article number 530906000

SAUSAGE 310 ML:

Seal & Bond MS 60 white	Article number 530207000
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SEAL & BOND GUN for sausage 310 ml

Article number 315400000



Abbreviation : SBD

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