

Seal & Bond MS 60

SBD

HYBRID POLYMER FOR FLEXIBLE BONDING AND SEALING

- Can be used on both dry and wet surfaces.
- Can be painted after 15 minutes.
- Unique bonding on most materials - without using a primer: metal, lacquer, primer, polyester, zinc, aluminium, wood, ...
- Does not contain any solvents or isocyanates, is odourless.
- Cures without shrinking, resists vibrations and remains flexible.
- Excellent chemical resistance after curing.
- High tensile strength and unique bonding - 265 N/cm².
- UV and weather resistant, anti-fungal and bactericidal.
- Easy to apply and to structure.
- Available in 5 colours: white, black, beige, grey and brown.



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 and packaging

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 ISO 11600 F 12,5% HM E construction.
 Volume shrinkage after cure: <3%.
 Hardness - DIN 53505: 58 Shore A.
 Tensile Strength: 265 N/cm².
 Tear Strength: 140 N/cm² 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 : 10¹⁰ Ohm.
 Shelf life: 12 months, keep dry, cool and frost-proof.
 Safety measures: consult the Safety Data Sheet.

Applications and use

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
- 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, ... 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
- TIP: 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.

Product references

Article nr	Name	Content	Section
530116000	Seal & Bond MS 60 Black	cartridge 310 ml	adhesives, sealants
530216000	Seal & Bond MS 60 White	cartridge 310 ml	adhesives, sealants
530316000	Seal & Bond MS 60 Grey	cartridge 310 ml	adhesives, sealants
530406000	Seal & Bond MS 60 Brown	cartridge 310 ml	adhesives, sealants
530906000	Seal & Bond MS 60 Beige	cartridge 310 ml	adhesives, sealants
530107000	Seal & Bond MS 60 Black	sausage 310 ml	adhesives, sealants
530207000	Seal & Bond MS 60 White	sausage 310 ml	adhesives, sealants
530307000	Seal & Bond MS 60 Grey	sausage 310 ml	adhesives, sealants
530407000	Seal & Bond MS 60 Brown	sausage 310 ml	adhesives, sealants
530907000	Seal & Bond MS 60 Beige	sausage 310 ml	adhesives, sealants
316510000	Mastergun		tools
315100000	Seal & Bond Gun	cartridge 310 ml	tools
315400000	Seal & Bond Gun	sausage 310 ml	tools
529403000	Mixing tips	6 pcs	tools
599610000	Novatwister		tools
316000000	Pneumatic gun MK5 310 ml sausage		tools

