



# Seal & Bond MS50 2-K

- 2-component system in a 1-component cartridge
- fast internal curing
- repaintable, even wet in wet
- can be used on both wet and dry surfaces
- unique adherence, even without using a primer
- applicable with a simple gun



## GENERAL INFORMATION

SEAL & BOND MS50 2-K is the newest generation of a 2-component system in a 1-component cartridge for bonding and sealing techniques.  
SEAL & BOND MS50 2-K has a very fast internal polymerisation without shrinkage and meets the highest and most recent DIN-norms for garage, industry and bodywork repairs: DIN 53505 and DIN 53507.  
SEAL & BOND MS50 2-K is UV- and weather-resistant, does not get mouldy and is odourless.  
SEAL & BOND MS50 2-K adheres to most current materials: varnished and galvanized surfaces, ferrous and non-ferrous metals, steel, aluminium, lacquer, varnish, polyester, wood and most synthetic materials.  
SEAL & BOND MS50 2-K can be re-used after opening.

## TECHNICAL DATA

Flow	: 5 bar / 3 mm / 23°C > 140gr/min.
Pot life 23°C	: 15 to 30 minutes
Curing time 20°C	: primary curing: 1 hour (Shore A: 5) : processable: 2-3 hours (Shore A: 15-20) : mechanically resistant: 24 hours (Shore A: >30) : fully chemically resistant after 7 days
Hardness DIN 53505	: 50 Shore A
Tensile strength	: 210 N/cm <sup>2</sup>
Tear strength	: >73 N/cm <sup>2</sup> DIN 53507
Ultimate elongation 7 days 20°C	: >600%
Thermal stability	: -40°C to +95°C (180°C shortly)
Specific gravity	: ca. 1.4 +/- 0.1 kg/dm <sup>3</sup>
Volume shrinkage after curing	: none (<1%)
Adherence	: to most surfaces : ATTENTION: bad adherence to PE, PP, silicones, ...
Chemical resistance	: is resistant to diluted acids, alkali, aliphatic solvents, oils greases, water and seawater : moderate resistant to esters, ketones and aromatics : not resistant to acids and chlorinated solvents
Shelf life	: 9 months in the closed, original packing at +5°C to +25°C : stock in a cool and dry place
Safety measures	: please consult the MSDS (material safety data sheet)

## APPLICATIONS AUTOMOTIVE

- bonding and sealing of spoilers, body kits, construction sills, ...
- ideal for the mounting of cargo platforms and side walls of refrigeration cars, delivery vans, ...
- installation of sunroofs
- sealing of water leak in boot
- bodywork parts with a covering function can be glued. This is completely in conformity with the GOCA standards of the car inspection PL002-06 under notion III

## APPLICATIONS INDUSTRY

- fast glueing of bullet-proof glass
- bonding of mirrors, natural stone, plexiglass, lacquered surfaces, polycarbonate, acrylate, without corrosion or formation of stains
- glueing of stainless-steel kitchens, bathrooms and industry
- developing and repairing of rubber sealings

## INSTRUCTIONS FOR USE

- Remove the screw cap and the sealing cap.
- Put the cartridge in a standard silicone gun (1-component).
- Pump until component A and B flow proportionally.
- Screw the mixing tip on the cartridge and apply +/- 5 cm until a homogeneous colour is obtained.
- Always apply on a clean, degreased and dust-free surface.
- Remove excess product with Novatio Safety Clean.
- Always remove the mixing tip after use, if not, the complete cartridge will harden.
- Always store with sealing cap on screw cap.
- Working time: +/- 15 min.
- If the cartridge is not processed after +/- 20 min., a new mixing nozzle needs to be placed.
- If you use a pneumatic silicone gun, please make sure that it always has a telescopic plunger.

## PACKAGING

Cartridge 250 ml grey	Article n° 526306000
black	Article n° 526106000
Mixing nozzles	
(1 bag = 6 pieces)	Article n°529403000
Abbreviation	SB2

526306000-PI-MS50 2-K-ENG-061121-P2/2

All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Novatio makes no warranties as to the accuracy of completeness of the information, and disclaims any liability regarding its use. Novatio's only obligations are those in the Standard terms and conditions of Sale for this product, and in no case will Novatio be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product.