

2C BOOSTER

MS Polymer – 2C Booster grey, black, white

WIKO MS Polymer – 2C Booster is a 2-component, accelerated, elastic and moisture-curing construction adhesive based on MS polymer. Its main application is bonding with a quick development of stability and a handling readiness after only 2 hours which makes the product especially suited for serial production. WIKO MS Polymer – 2C Booster is set to medium viscosity and firm elasticity.



Trading unit:
490ml cartridge

Item no.: MSPBG.K490
Item no.: MSPBS.K490
Item no.: MSPBW.K490

Application Areas

Industrial and manual vehicle and bodywork construction, ventilation engineering, air conditioning, electrical engineering, apparatus engineering, metal working, sheet metal forming, plastics engineering and environmental protection. Sealing of welds, overlaps and cracks. Especially qualified for the series production and elastic bondings of different material combinations (metals, plastics, glass, wood).

WIKO MS-Polymer 2K Booster is *not* suitable for the bonding of untreated polyolefin (PE/PP/POM), untreated fluoropolymer (Teflon) and bituminous materials. With sensitive substrates (PC, PMMA, SAN) preliminary test are necessary.

Advantages

- Higher temperature resistance of – 30°C to + 100 °C, shortly up to + 120 °C
- UV resistant, high temperature resistance
- Can be coated by a wet-on-wet process
- Very good compatibility to lacquer
- Does not cause cracks in lacquer as well as no bagging of the lacquer above the sealant seam
- Wide adhesion spectrum on many surfaces without primer
- Little volume shrinkage
- No bubble formation
- Odourless – no need for air extraction or safety measures
- Free of solvents
- Requires no hazard classification
- No potential danger for consumer – can be disposed with household garbage
- Quick drying
- Quick and controlled curing, high final strength

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Technical Data

Basis:	MS polymer, moisture-curing	
Density:	Approx. 1.5 g/ml	
	Comp. A: approx. 1,49 g/ml; Comp. B: approx. 1,54 g/ml	
Solid content:	> 98%	
Wet life:	Approx. 10 minutes	(23 °C, 50% rel. air humidity)
Curing:	Completed after approx. 24 hours	(23 °C, 50% rel. air humidity)
Final strength:	After approx. 3 – 4 days	(23 °C, 50% rel. air humidity)
Shore hardness A:	Approx. 45 (7 days)	
Tensile strength:	Approx. 2,0 N/mm ²	
Ultimate elongation:	Approx. 450%	
Tensile shear strength:	Approx. 2,0 N/mm ²	
Working temperature:	+ 10 °C up to + 35 °C	
Storage temperature:	+ 5 °C up to + 25 °C	
Temperature resistance:	- 30 °C up to + 100 °C, shortly up to + 120 °C for max. 30 minutes	
Curing:	1 hour	0,15 N/mm ²
	2 hours	0,4 N/mm ²
	4 hours	1,0 N/mm ²
	24 hours	1,8 N/mm ²
	7 days	2,0 N/mm ²

The values given are reference values and may vary according to adhesive layer thickness, temperature as well as air and material humidity.

Shelf Life

Shelf life cartridge: 9 months (in unopened original packaging)

Cleaning

- Clean excessive material immediately after usage with WIKO Plastic Cleaner or WIKO Metal Cleaner
- Clean hands with soap and water

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Application conditions

The product can be applied with good adhesion on metal, glass, mirrors, ceramics and diverse plastics. However, the surfaces have to be clean and free of grease or dust. Please consider our chart that provides an informative basis for pre-treatment possibilities. Due to the large number of different surfaces, the adhesion quality should be determined by a performance test.

Paintwork / Recoating

WIKO MS Polymer – 2C Booster can be easily recoated with lacquers based on acrylate dispersion paint. The adhesion is dependent on the composition of the paint. An optimal adhesion of the paint is achieved if the sealant is being coated within 3 days after its application.

Possibly longer drying time with usage of alkyd resin paint.

Due to the variety of paint and lacquer systems available, we recommend to carry out tests of the paint adhesion before the application.

Safety

Avoid longer contact with skin or food during curing of sealant. In case of contact with eyes, wash eyes with plenty of water and seek medical advice immediately.

The information contained in this data sheet, especially the suggestions for processing and application of products, is based on our experience and newest expertise. Due to the facts that materials can be very diverse and that we have no influence on the working conditions, we recommend to perform sufficient tests to validate the compatibility of the products. Our company shall neither be held liable for this information nor for a verbal or written consultation. Additionally, please consider the information of our safety data sheets.