

Technical Data Sheet

Vi-Pro® MS 2K MODIFIED SILANE ADHESIVE

Wersja: 1-EN

Date: 01.08.2024

Vi-Pro® MS 2K MODIFIED SILANE ADHESIVE

Vi-Pro® MS 2K is a high-quality adhesive based on MS polymers. Resistant to UV radiation, weather factors, water, humidity and chlorine, Vi-Pro® MS 2K is characterized by very good adhesion to many substrates, in most cases without a primer. Resistance to temperatures from -40°C to +100°C. Shore A hardness 40 DIN 53505. Complete hardening, for grey color after 1 hour, for black color after 4 hours.

Characteristics:

- curing without moisture after 1 hour
- does not contain isocyanates, solvents and silicone
- suitable for painting
- good protection against corrosion
- faint odor
- permanently flexible
- wet-on-wet application.
- good resistance to: oils, fats, water, aliphatic solvents, etc.

Base	MS-hybrid
Color	light grey
Mixing ratio	1:1
Consistency	stable
Processing temperature	+5°C to +40°C
Processing time	10 minutes
Density (DIN 53479)	1,4 g/ml
Temperature resistance	-40°C to + 100°C (after curing)
Volume change	4%
Skin time (23C° 55% rF)	15 minutes
Full strength	1 hour
Shore-A Hardness (DIN 53505)	40
Gap filling	25 mm
Elongation at break (DIN 53504)	350%
Tensile strength (DIN 53504)	2,2 Mpa
Tensile shear strength (DIN 53504)	1,3 Mpa
Shelf life (cool and dry)	12 months double cartridge

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Properties:

- curing without humidity after 1 hour
- free of isocyanates, solvents and silicone
- paintable
- good corrosion protection
- low odor
- permanently elastic
- wet on wet applicable
- good resistance to: oils, fats, water, aliphatic solvents etc.

Application

- large bonding without air moisture supply
- sealing and bonding in metal structures
- tension-free bonding between metals, plastics (instead of PE, PP, PTFE and silicone), hardwoods, in wagons, container, shipbuilding, bodywork and vehicle.

Processing note

The bonding surfaces must be viable, dry, clean, dust- and grease free, to find the best adhesive result. On wet surfaces or under water the adhesive adheres well, optionally the substrate must be pretreated. Insert the double cartridge into the dispensing gun and then close. Twist off cap, attach and tighten the mixing nozzle. Push the material out with the dispensing gun and discard the first 2 g, as they are not yet mixed at 1:1. For processing this product any standard silicone press can be used.

Packaging

Box contains:	Item number
20 double cartridges a 500 g	VIPRO-MS-2K
20 mixing nozzels	VIPRO-MS-2K-M

Precautions:

Material safety data sheets are available upon request. Product Safety Data Sheets are provided to help customers meet their own handling, safety and disposal needs and those that may be required by local health and safety regulations. Safety data sheets are

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updated regularly, so please request and read the latest version of the safety data sheet before handling or using any product.

Note to customer:

The information provided is true to the best of our knowledge and is based on reliable tests and practical experience. The specified properties are indicative and therefore do not constitute specifications. The customer/user should thoroughly test each application to ensure that the product meets the required parameters. The only warranty is that the product conforms to the sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to a refund of the purchase price or replacement of any product found to be other than the warranted product. Seller is not liable for incidental or consequential damages.

More information available at: +48 22 122 85 49 or reach@vi-pro.eu