

Technical Data Sheet

Vi-Pro® MS 2K MODIFIED SILANE ADHESIVE

Version: 2-EN

Date: 31.10.2024

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. 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
- good resistance to: oils, fats, water, aliphatic solvents, etc.

Index	VIPRO-MS-2K	VIPRO-MS-2K-B
Color	Grey	Black
Base	SMP silane modified polymer	SMP silane modified polymer
Mixing ratio	1:1	1:1
Consistency	stable	stable
Processing temperature	from +5°C to +40°C	from +5°C to +40°C
Processing time	10 minutes	30 minutes
Density (DIN 53479)	1,4 g/ml	1,36 g/ml
Temperature resistance	from -40°C to + 100°C (after curing)	from -40°C to + 100°C (after curing)
Volume change	4%	4%
Skin time (23C° 55% rF)	15 minutes	ok. 20 minutes
Full strength	1 hour	4 hours
Shore-A Hardness (DIN 53505)	40	45
Gap filling	25 mm	25 mm
Elongation at break (DIN 53504)	350%	300%
Reaction to fire (DIN 4102 part 4)	B2 (normally inflammable)	B2 (normally inflammable)

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Tensile strength (DIN 53504)	2,2 Mpa	2,4 MPa
Shelf life (cool and dry)	12 months	12 months

Application

- large bonding without air moisture supply
- sealing and bonding in metal structures
- bonding of glass in windows
- bonding of panel doors
- 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. 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 spatula can be used.

Packaging

1 box contains 20 pcs.

Index number:

- gray color VIPRO-MS-2K
- black color VIPRO-MS-2K-B
- mixer VIPRO-MS-2K-M-ECO

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 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

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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