

# FIX.





Universal, permanently elastic 1-component adhesive/sealant, moisture curing, neutral polymerisation, odourless with high adhesive power.

High quality MS-Hybrid Polymer for manufactures and assemblies

Free of solvents, silicones & isocyanites

FOR INDOOR AND OUTDOOR APPLICATION

PAINTABLE (even dyed fresh)





# ... and you bond !!!



# **PERMANENTLY ELASTIC, ADHESIVE & SEALANT**

### **Application**

Ideal for elastic bonding in sector of construction, metal-, apparatus-and machine-engineering, plastics- and electrical technology, ventilation engineering and air-conditioning, car bodywork, automotive, wagon, container and ship manufacturing. Suitable for many substrates, like wood, laminate, cork, steel, aluminium, metal, plastics, concrete, stone, natural stone, insulating materials, ceramics and so on. TURBO-FIX is suitable for painting over something later or when the use of silicone sealant is not appropriate. Applicable inside water.

### **Processing**

Apply only on clean, dry, fat free surfaces in perfect structural condition. TURBO-FIX adheres to various substrates without Primer. For best results, we recommend the use of Primer V2 on non absorbent and V21 on absorbent surfaces. Bonded metals can be spot welded and immediately coated "wet-onwet" with most of the usual car coatings. TURBO-FIX can also be painted with powder coatings and loaded for a short time during the baking process (up to + 200°C). For any applications, we recommend preliminary tests for bonding.

## TURBO-FIX is paintable.

Because of the diversity of varnishes and paints on the market, we recommend a preliminary test. Drying process may be delayed when using paints based on alkyd resins. The varnish should be applied to the sealant within 4 hours. The best results are obtained with a wet-on-wet application. After cleaning with acetone, joints can be varnished at any time.

### **Chemical resistance**

good: to water, aliphatic solvents, oils, greases, diluted, inorganic acids and alkalis

moderate: to esters, ketones and aromatics

**not resistant:** to concentrated acids and chlorinated hydrocarbons.

**Completely weather-resistant** 

### Technical data:

Shore-A-hardness (DIN 53505) color: 60 after 3 weeks of storage at  $+23^{\circ}\text{C}$  / 50% H.R. transparent: 42 Modulus elongation at 100% color:  $\geq$  1,2 N/mm² and  $+23^{\circ}\text{C}$  (DIN 53504 S2) transparent:  $\geq$  0,7 N/mm² Storage during 7 days at  $+23^{\circ}\text{C}$  / 50% H.R.

Elongation at break (DIN 53504 S2) color:  $\geq$  300 % Storage during 7 days at +23°C / 50% H.R. transparent:  $\geq$  400 %

Tensile strenght (DIN 53504 S2) color: ≥2.3 N/mm²

Storage during 7 days at 23°C/50% H.R. transp: ≥2.4 N/mm²

Movement capability transparent: <20%

Consistency (DIN EN ISO 7390) color: stable transp. <3mm

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Tooling time at +23°C / 50% H.R. color: max. 10 min
transp.: max 6 min

Curing through after 24h:  $\geq$  2.0 mm at +23°C / 50% H.R. after 48h:  $\geq$  3.0 mm Density at +23°C / 50% H.R. color: 1,54 g/cm³

transparent: 1,08 ± 0,05 g/cm<sup>3</sup>

Change of volume (DIN EN ISO 10563) color:  $\leq 8\%$  transp:  $\leq 4\%$ Temperature resistance color: -40°C to +90°C

transparent: -40°C to +80°C

Application temperature  $+5^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ Temperature of the substrate  $+5^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ Colours white, transparent, grey, black, brown

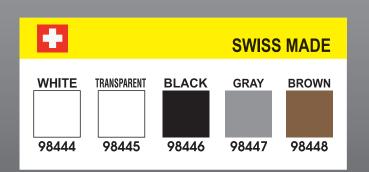
Packaging cartridges of 290ml

or sausages of 600 ml in boxes of 12 pieces

Shelf life color: 18 months from production date

transparent: 12 months from production date Storage conditions store in a cool, dry place

Meets the specifications: (color) DIN EN ISO 846





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