

## Product information | *Merbenit XS 55*

Merbenit XS 55 is an elastic adhesive and sealant on the basis of MS-Hybrid polymer which has an especially high tensile strength. Many possible applications, 1-component, moisture-curing, strong adherence and stable.

### Product advantages:

- 1-component
- Easy processing
- Free of solvents, isocyanate and silicones
- Very high tensile strength
- Very wide spectrum of adherence, also without primers
- Nearly odourless
- Paintable (also wet on wet)
- For powder- or thermo varnishing, resistant on a short-term basis up to +200 °C
- Very stable (thixotropic)
- Corrigible
- Slit- and crack-bridging
- Compatible with grinding and varnishing
- Duration-Elastic of -40 °C to +90 °C
- Very good abilities for sealing
- Very good weather- and ageing resistance
- High resistance against water, salt water, aliphatic solvents, oils, fat, watered inorganic acids and alkalis
- Shock-proof and vibration-firm (shock-absorbent)

### Processing:

■ Merbenit XS 55 can be applied directly from the cartridge / sausage (manual or compressed air pistol) as a rounded or triangular caterpillar in stripes. If one side of the material is permeable to diffusion, Merbenit XS 55 can also be applied dimensionally with a spatula.

■ **Examples for flexible adhesion applications:** Signs, strips, diagonal braces, profiles, stiffenings, fixtures, fittings, plates, sheet metals, receptacles, boxes, cabins, disguises, sandwich components, containers, constructions, bottom covers, frames, panels, coverings, shields, cuffs, nosing.

**Fields of application:** Metal-, apparatus-, machine construction; electronic-, plastic engineering car bodywork-, automotive-, wagon- and container manufacturing.

■ **Well suitable materials:** Steel, high-grade steel, aluminum, alu-anodized, brass, copper (for brass and copper, not suitable in wet storage), glass, ceramics, stone, concrete, ABS (possibly priming), PBT, PVC hard and soft, PPE, PA6.6-30, EPDM, GFK, wood, powder-coated, coated, galvanized, pot-galvanized surfaces.

For materials which tend to stress-cracks, a preliminary test is recommended.

**Merbenit**  
SWISS MADE

INNOVATIVE HIGH-TECH ADHESIVES AND SEALANTS

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