

# MS HYBRID-POLYMER



Container	Cont. ml	Art. No.	Pack/Qty
Cartridge	290	<b>0893 225 0</b>	12

## Areas of Application:

Branch	Applications
Construction	Facade bonding, PU foam panel joints
Roofing, plumbing	Installation of eaves troughs, sheet metal cladding, skylights, ventilators, leaf stops in eaves troughs
Electrical installations	Attachment of cable trays, fixation of sockets
Automotive	Elastic sealing for bodywork, vehicles and containers as well as side boards and tailgates of trailers, floor panels, sealing of engine compartment lock seams.
Painting	Attachment of trim and decorative objects made from polystyrene
Trade fairs	Installation of display windows, decorative objects, signs, profiles of any kind.
Metal construction	Stainless steel structures, fabrication of garden lighting, letter boxes.
Carpentry, windows	Window sashes, baseboards, glass strips, bumpers on glass doors, bar console brackets on glass, window sills, stairs, sun room construction, galvanised steel structures, bumper strips.
Recreational vehicles	Attachment and installation of plastic panels, bulkheads, separating walls, ventilation systems

## Specifications:

Chemical base	MS polymer (hybrid)
Skin forming time	10 min. (23°C and 50% rel. humidity)
Full hardening time	approx. 2.0 mm in 24 h at 23°C and 50% rel. humidity.
Shore A hardness (DIN 53505)	38
Tensile strength (DIN 53504)	approx. 2.0 N/mm <sup>2</sup>
Combined tension and shear resistance (DIN 53283)	approx. 2.2 N/mm <sup>2</sup> (2 mm layer thickness)
Elongation at rupture	approx. 250%
Volume change (DIN 52451)	approx. 2%
Processing temperature	5°C to 40°C
Temperature stability	-40°C to 90°C
Resistant against	water, diluted inorganic acids and lyes, watery cleaning agents
Briefly resistant against	aliphatic solvents, fuels, mineral oils, vegetable and animal fats and oils
Shelf life	9 months at 10°C to 25°C

## All-purpose and elastic, clear structural adhesive and sealant.

- ▶ Glass-like transparency  
**Your advantage:**
  - Particularly well suited for visible seals or bonded joints.
- ▶ Broad adhesive range without primer.  
**Your advantage:**
  - All purpose use.
  - Good adhesion.
- ▶ Firm elastic adhesive  
**Your advantage:**
  - Compensates for expansion and vibrations of jointed parts.
  - Absorbs dynamic motions.
  - Joining of different materials is possible.
- ▶ UV resistant  
**Your advantage:**
  - Suitable for visible joints.
- ▶ Resistant to weather and ageing.  
**Your advantage:**
  - Suitable for outdoor use.
- ▶ Solvent free, odourless.
- ▶ Non-corrosive.
- ▶ Isocyanate and silicon free.

## Typical substrates:

ABS, aluminium, stainless steel, glass, reinforced glass fibre, wood, copper, sheet metal, bright, galvanised, primed and painted, rigid PVC.

With this information we want to advise you to the best of our knowledge based on our tests and experience. Preliminary testing required! For further information see the technical data leaflet.