

## SEAL & BOND MS 60 – TECHNICAL DATA

Base: MS polymer

Colour: see nozzle

Odour: neutral

Flow: 5 bar/3mm/23°C 140g/min

Skin cure: 23°C 50% R.V. 8 minutes

Non-adhering: 23°C 50% R.V. 25 minutes

Full cure time: 23°C 50% R.V.

24 hours - 6 mm

48 hours - 7 mm

72 hours - 8 mm

Max. allowable deformation 12,5% (according to ISO 9046)

Expansion joints for ISO 11600 F 12,5% HME construction

Volume shrinkage after cure: <3%

Hardness - DIN 53505: 58 Shore A

Tensile Strength: after 7 days: 260 N/cm<sup>2</sup>, after 1 month: 280 N/cm<sup>2</sup>, after 3 months: 310 N/cm<sup>2</sup>

Tear Strength: 140 N/cm<sup>2</sup> DIN 53507

Adherence: to most surfaces. Attention: bad adherence to PE, PP, silicones,...

Thermal stability: -30°C till +95°C. Short period for powder coating process to +200°C

Elongation at rupture -DIN 53504: >350%

Contains no isocyanates: non-toxic

Application temperature: from +5°C up to +40°C

Chemical resistance:

good: water, seawater, aliphatic solvents, oils, greases, diluted organic acids, lyes

moderate: esters, ketones, aromatics; for more information, see chemical resistance list

bad: concentrated acids, chlorinated solvents and chlorinated swimming pool water

Electrical resistance: 10 Ohm

Pressure resistance (ISO 11432): 1,19 N/mm<sup>2</sup>

Water vapour transmission (DIN EN ISO 12572): 1,6

Shelf life: 12 months, keep dry, cool and frost-free

Safety measures: consult the Safety Data Sheet