



TECHNICAL DATA SHEET

SCREENBOND MS POLYMER

Gerko screenbond MS polymer is a high quality window bond on a MS polymer base. This bond had been specially developed for the quick and professional bonding of windscreens. By the unique composition the product has a perfect adhesion to old window bond, glass and ceramic edges, and without the use of a primer.

A major advantage of Gerko screenbond MS polymer is that it has a very high initial strength, which mainly has a positive effect on not sink the pane, certainly when it should be placed vertically.

Gerko screenbond MS polymer is also free of solvents isocyanates and the product contains no silicone.

PROPERTIES

- Very good persistence, the glue caterpillar does not fall over
- Very high initial strength, the pane does not sag
- Good torsional rigidity contributes to the rigidity of the bodywork.
- Excellent adhesion to old window bond, glass and ceramic walls, without using a primer
- Easy to use, with no by-products
- Free of solvents, isocyanate and silicone
- Long shelf life after opening
- Easy to remove from the hands
- Good UV resistance

PHYSICAL PROPERTIES

Code	Description	Format	Colour	Pieces per box	Pieces per pallet
SCB10	Screenbond MS polymer	290 ml	Black	12	900



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SPECIFICATIONS

Base material	Silyl Modified Polymer (SMP)
Curing method	moisture
Specific weight	about 1,5 gr/ml
Skinning time	about 15 min (20°C/50% R.H.)
Open time	<15 min (20°C/50% R.H.)
Curing speed after 24 hours	about 3 mm (20°C/50% R.H.)
Shore A hardness	about 57 (DIN 53505)
Volume change	<3% (DIN 52451)
Green strength	about 600 Pa (Physica Rheometer MC100) (max. load per m² not cured adhesive can be applied without sagging)
Tensile strength (100%)	about 2,3 MPa (DIN 53504/ISO 37)
Tensile strength at break	about 2,7 MPa (DIN 53504/ISO 37)
Elongation at break	about 180% (DIN 53504/ISO 37)
Shear stress	about 2,1 MPa (DIN 53283/ASTM D1002)
Solvent percentage	0%
Isocyanat percentage	0%
Temperature permanence	-40°C to +90°C
Application temperature	+5°C to +35°C
UV- and weather resistance	good
Colours (standard)	black