

MS SCREEN BONDER

ADHESIVES AND SEALANTS

- Free of solvents, isocyanates and silicones
- Good torsional stiffness, contributes to stiffness of bodywork
- 15 minutes drive-away time
- Long shelf life after opening

PRODUCT DESCRIPTION :

MS SCREEN BONDER 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 of MS Screen Bonder 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 MS Screen Bonder 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. The bond has also the positive quality of a high persistence, this means the bond caterpillar does not fall over during processing. MS Screen Bonder contributes after curing to the rigidity of the bodywork. The product also gives a very good torsional rigidity to the vehicle.

These properties ensure that people in the assembly of car windows with MS Screen Bonder do not need any more by-products. The probability of making mistakes during assembly is reduced and the previously complex assembly of these windows will be made very easily with this product. MS Screen Bonder is also free of solvents isocyanates and the product contains no silicone.

Due to its unique composition, the product is perfectly UV resistant and therefore highly suitable for applications and applications where the glue edge is exposed to sunlight.



APPLICATIONS:

- 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.

INSTRUCTIONS:

Due to its MS-polymer base MS Screen Bonder base long after opening, so the cartridges do not need to be discarded anymore. The product can also be very easily be removed from the hands after mounting. The handy packaging in 290 ml cartridges of MS Screen Bonder very easy and economical to use. Windows that are glued with MS Screen Bonder can be cleaned and made free of grease with Wet Cleaning Wipes.

SPECIFICATIONS :

Base material:	Silyl Modified Polymer (SMP)
Curing method:	Moisture
Specific weight:	ca. 1,4 g / ml
Skinning Time:	ca. 10 minuten. (20 ° C / 50% R.H.)
Open Time:	<15 Min. (20 ° C / 50% R.H.)
Curing Speed after 24 hours:	ca. 2,5 mm (20 ° C / 50% R.H.)
Shore A hardness:	ca. 65 (DIN 53505)
Volume change:	<3% (DIN 52451)
Electrical volume resistance:	> 10 ¹¹ [Ω.cm] (DIN 53482)
Tensile strength (100%):	ca. 3 MPa (DIN 53504 / ISO 37)
Tensile strength at break:	ca. 4 MPa (DIN 53504 / ISO 37)
Elongation at break:	ca. 350% (DIN 53504 / ISO 37)
Shear stress:	ca. 2,8 MPa (DIN 53283 / ASTM D1002)
Crack propagation:	approx. 25 N / mm (DIN53515 / ISO 34)
Solvent percentage:	0%
Isocyanat percentage:	0%
Temperature permanence:	-40 ° C tot + 110 ° C
Application temperature:	+ 5 ° C to + 35 ° C
UV- and weather resistance:	Excellent
Colours (standard):	Black
Packing:	290 ml patterns / 600 ml sausage

Tested according to FMVSS 212, drive away time of 15 minutes.