

PU Fix Professional 1



1K 60 min. PU adhesive for automotive glass.



Specifications:

- High shear modulus, increasing stiffness of the bodywork
- Solvent & PVC free
- Excellent stability and integrity of the layer / bead

Advantages:

- Fast curing, very short drive away times (**1 hour**)
- No odour
- Crash test certificate TÜV SÜD - FMVSS 212/208

Description:

PU FIX PROFESSIONAL 1 is a quick (**1 hour**), one component, humidity curing, solvent-free polyurethane adhesive for automotive glass. Cures to a highly elastic, durable and weather-resistant bonding material for direct glazing of automotive glass. The glazing process becomes easier and quicker with the use of **PU FIX PROFESSIONAL 1 PRIMER**, which is an integral part of the technological process.

Order codes:

Name	Storage code	Package	Volume / Size	Order number
PU Fix Professional 1 - Set	PUPF1S	Box	Set	R 34818
PU Fix Professional 1 - Cartridge	PUPF1C	Cartridge	310 ml	R 34812C
PU FIX Professional 1 - Primer	PUPF1P	ALU bottle	30 ml	R 34812P
PU FIX Brush	RPUFB	-	1 pc	R 34816

Applications:

Recommended application temperature is 10 °C – 45 °C. The product is applied by extrusion out of the cartridge. Insert the glass into the body frame within max. 15 minutes from adhesive application.

ONLY FOR PROFESSIONAL AND INDUSTRIAL USE.

Technical data:

Chemical base	Reactive polyurethane prepolymer
Colour/appearance	Black paste
Viscosity (4 mm/4 bar) ¹⁾	19 - 25 g/min
Density (DIN 53217-4)	1'180 - 1'250 kg/l
Skin formation time ¹⁾	Ca. 15 min.
Curing rate after 24 h ¹⁾	3,5 - 4 mm
Hardness Shore A (DIN 53505)	68
Tensile strength (DIN 53504)	Ca. 9 MPa
Elongation at break (DIN 53504)	> 250 %
Shear modulus ¹⁾ (10% gliding)	2.5 - 3.5 MPa
Lap shear strength ¹⁾ (DIN EN1465)	> 3.5 MPa
Temperature resistance	< 80 °C (175 °F)
Short term (approx. 1 h)	< 120 °C (250 °F)
Shelf life (below 23 °C/77 °F)	12 months
Cartridges	
Safe drive-away time ¹⁾	(FMVSS 212/208)
without airbags	60 minutes
with passenger airbags	60 minutes

¹⁾ at 23 °C (73 °F) / 50 % relative humidity

Storage:

Store at a temperature between 0 °C and 35 °C.

During transport, the storage temperature may shortly (2 – 4 days) go above or below these limits. In such case, the material has to be acclimatised at room temperature before application. Cold single cartridges may be stored at slightly increased temperatures (up to 50 °C) for 1 – 2 hours.

Health and Safety:

Please read our Material Safety Data Sheet.

Declaration:

The information and recommendations in this publication are to the best of our knowledge reliable. However nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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