

TEROSON PU 8900 LV

January 2014

Direct Glazing adhesive with primerless to glass adhesion**PRODUCT DESCRIPTION**

Technology	1c Polyurethan Adhesive free from PVC and solvents
Product Type	Direct Glazing for industrial use
Additional Function	Primerless on glass

TEROSON PU 8900 LV is outstanding for the following properties:

- Very good sag resistance
- High cure rate
- High shear strength and good elasticity, even after aging
- Excellent adhesion to glass with ceramic coating, encapsulation and to painted surfaces, in connection with active cleaner
- High UV resistance

APPLICATION AREAS

TEROSON PU 8900 LV is used for the bonding of front, rear and side screens to the body of motor vehicles (car, truck, bus).

TECHNICAL DATA**(Typical Test Results)**

Colour	black
Odour	imperceptible
Consistency	pasty
Density	1.27 g/cm ³
Viscosity at 23 °C	3,000 to 5,000 Pas
Solids	100 %
Curing mechanism	moisture curing, accelerable
Cure rate	approx. 4 mm / 24 h
Skin formation time (23 °C, 50 % rh)	approx. 20 min
Shore A hardness	approx. 55
Tensile strength	approx. 8 MPa
Elongation at break	approx. 400 %
Shear strength	approx. 5 MPa
In service temperature range	-40 to 90 °C
Recommended application temperature	15 to 50 °C

PRELIMINARY STATEMENT

Prior to application it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

SURFACE PRETREATMENT AND PRIMING

Ensure that the substrates to be bonded are dry and free from oil, dust, grease and other dirt. Use for glass, paint and cathaphoretic dip painting (E-coat) the approved cleaners. The ceramic coatings should be impermeable from UV light or the edge of the screen should be covered.

Application

Can be applied unheated. Partly heating can help on high volume application (higher extrusion rate).

- The entire equipment, including hoses and pipes, must be moisture tight.
 - The follower plate must be driven by a double ram.
 - Necessity of centering the container.
 - It is recommended to switch off heating during a shutdown of more than 1 hour.
 - The adhesive is applied from pails or drums using high pressure piston pumps with a pneumatic ratio minimum 55:1.
- Due to the various application conditions it is recommended to follow the references in the current valid application data sheet. The application data sheet also provides necessary information about suitable application equipment and conditions. For further information, please contact the responsible sales representative.

STORAGE

Frost sensitive	no
Recommended storage temperature	15 to 25 °C
Shelf life	up to 12 months depending on packaging

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