



PEGUS P 550 Technical Data Sheet

Description

PEGUS P 550 is a one-component polyurethane adhesive sealant of high viscosity, which cures by the action of air moisture. By this reaction, the product changes from a pasty to an elastomeric bead with excellent tensile strength and aging properties.

Features	Benefits
Medium Decking	Supports glass without blocks
Meets FMVSS 212 & 216	Safe installations
Extrusion Rate	Easy to extrude

Product Type

Mixture of polyurethane prepolymers, fillers, plasticizers and catalysts.

Technical Data

Density:	1.20g/cm ³ at 20°C
Color:	Black
Consistency:	Thixotropic paste
Extrusion rate:	200-230 g/min, measured after 24 hours with a nozzle of 4mm and a pressure of 4 bars. Extrusion rate will decrease till the end of the shelf life.
Tack free time:	Approximately 50 minutes at 23° C and 50% relative humidity.
Sagging Properties:	A 12 mm diameter bead has no deformation or sag on a vertical glass plate.
Cure rate:	2 mm after 12 hours
(at 23° C and 50% R.H.)	3.5 mm after 24 hours 5 mm after 2 days
Tensile strength:	680 N/cm ² after 7 days at 23° C, 50% R.H.
Storage:	12 months between 0°C and + 35°C in original container

Instructions

Remove all exterior moldings, trim and wipers following the vehicle manufacturer's instructions. Cut the old bead of urethane leaving a thin film (1.5 – 3.0mm thick) on the pinchweld. Avoid scratching the paint off the frame. The fresh adhesive will be applied directly onto it. A full cut installation will be required when the existing bead of urethane is loose, looks deteriorated, does not adhere properly to the pinchweld, or in case of corrosion on the pinchweld. Any butyl, silicone or unidentifiable material has to be completely removed and cleaned up as well. Clean the whole interior surface of the new windshield, finishing with the edges using a non-greasy, silicone-free glass cleaner. Apply a thin film of our clear primer PEGUS C1 Clear with a clean wipe and wipe it off immediately when still wet. (wipe-on, wipe-off method). Apply a thin and regular film of our primer PEGUS C2 Black onto the glass/frit of the windshield. Allow the primer to dry 5-10 min, maximum 15 min. Do not install with a primer applied more than 2 hours before. Apply the adhesive onto the glass through a triangular-shaped nozzle. We recommend a minimum height of 12-14mm and width of 6-15mm. Immediately position and press the glass in place.



PEGUS SYSTEMS USA
2760 Ridgeway Ct., Walled Lake, MI 48390 USA
Phone: (248) 669-8100 / Fax: (248) 669-2804 / info@pegus.us