



Pliogrip™ 2400/2808B

2-PART POLYURETHANE ADHESIVES



Adhesive solutions by **ARKEMA**

2-part polyurethane adhesives



High elongation



Flat modulus



Class A surfaces

Semi-structural 2-part polyurethane system, combining considerable strength with high elongation, engineered for demanding mixed-material bonding applications in light vehicle body panels and closures, particularly those in which a significant thermal expansion mismatch exists.

FEATURES & BENEFITS

- » 5 min open time with handling within one hour at room temperature or within 1-2 min under IR or contact heat acceleration
- » Flat modulus technology, not exhibiting a glass transition, and related drop in mechanical stiffness between -50 to 150°C
- » Low shrinkage, medium modulus, high elongation - ideal for parts with class A optical requirements
- » Bonding and sealing of carbon fiber reinforced plastics (CFRP), sheet molding compound (SMC), coated metals, and other materials
- » Long-term durable to temperature, climate, humidity, automotive media, most solvents, and aggressive chemicals

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Chemistry	Polyurethane
Mix ratio	200 : 100 by volume
Mixed density	1,20 kg/l
Tensile strength	9-11 MPa
E-modulus	50-60 MPa
Elongation	200-250%
Glass transition, Tg	-55°C
Paint temperature	max 170°C



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www.bostik.com

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