



# BETASEAL™ X2500A Plus/X2500B PLUS

**Description** Two-component, rapid room temperature curing polyurethane adhesive designed for multi-material substrate bonding applications where differences are expected in the thermal expansion of dissimilar materials.

**Benefits & Features** Integrates ideal dissimilar substrate bonding properties like optimized modulus and strength with high elongation. Additional benefits include solvent free, excellent sag resistance, joint sealing and non conductive properties. Can be used in conjunction with Dow's primer portfolio to enable durable adhesion to a wide variety of substrates.

Uncured Properties	Adhesive	Component A	Component B	Unit
Color	--	Black	Black	
Density	--	1.23 to 1.32	1.16 to 1.24	g/cm <sup>3</sup>
Viscosity <sup>1</sup> (23°C, Brookfield RVT)	--	500	500	Pa·s
Sag	0	--	--	mm

Cured Properties	Adhesive	Unit	Test Method
Shore Hardness (Shore A, 23°C)	60 to 70		ASTM D2240
Lap Shear Strength <sup>2</sup>	> 5.00	MPa	
Tensile Strength at Break	5.00	MPa	ASTM D412
Tensile Elongation at Break <sup>3</sup>	150	%	ASTM D412

### Application Technique

Adhesive Applied in bead form with a pressurized flow gun or other suitable application system. Can be applied manually or robotically.

### Packaging/Sizes Available

Adhesive 55 gallon drums and 290 mL tubes (no pails)

### Storage & Stability

Adhesive The shelf life of this material is assured for 12 months (from the date of manufacture) at temperatures between 18°C and 35°C in an unopened container.

### Toxicity and Safety Information

Read the Safety Data Sheet before using this material. Toxicity and safety information is included in the SDS.

### Food Contact Applications

Dow Automotive products are not approved for direct or indirect food contact or drinking water applications. If your applications include food contact or drinking water requirements, please contact your Dow representative. For more information on the regulatory status of this product, please refer to the SDS for this product.

### Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

<sup>1</sup> Spindle #5 @ 20 RPM

<sup>2</sup> Bond thickness: 2.0 mm

<sup>3</sup> Value is Typical

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