



BETASEAL™ 8000-1F

Glass Bonding Systems

BETASEAL™ 8000-1F is a one-component, moisture-curing adhesive with excellent sag and bead stability based on polyurethane chemistry. The adhesive cures with environmental moisture and skin formation. The curing is dependent on humidity, temperature and application dimensions.

BETASEAL™ 8000-1F is a cold processable, medium viscosity, low modulus adhesive with excellent UV stability attributes. It is primerless to paint on automotive paints.

Product information

Colour	Black	-
Basis	Polyurethane	-
	prepolymers	
Density	1220 - 1260	kg/m ³ ISO 845

Uncured properties

Skinning time	25 - 45	min
Cure rate after 48h	3.6	mm
Sagging	30	°

Rheological properties

Viscosity, Ballan, 23°C, 4mm / 4bar	12 - 20	g/min
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Application technique

Processing temperature	10 - 40	°C
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Cured properties

Stress at break	9	MPa	DIN 53504
Strain at break	500	%	DIN 53504
Shear modulus	1 - 1.5	MPa	
Lap shear strength, 7 days	≥5	MPa	DIN EN 1465
Shore hardness A	55 - 65	-	DIN 53505
Temperature stability	-40 - 100	°C	
Volume resistivity	1E7	Ohm*cm	

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Storage and stability

Shelf life

6¹ months

1: Shelf life is assured at +5°C to +25°C in unopened containers. Short time storage temperatures: 0°C to +40°C

Characteristics

Compatibility

Glass



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