



BETASEAL™ 1580

Glass Bonding Systems

BETASEAL™ 1580 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™ 1580 is a cold processable, medium viscous, non-conductive, high modulus, fast-curing glass bonding adhesive which requires a paint primer during the process.

Product information

Colour	Black -	
Density	1280 - 1320 kg/m ³	ISO 845
Solid content	≥95 %	

Rheological properties

Viscosity, Ballan, 23°C, 4mm / 4bar	18 - 26 g/min
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Cured properties

Stress at break	5 MPa	DIN 53504
Strain at break	350 %	DIN 53504
Lap shear strength, 3 days	≥3.5 MPa	DIN EN 1465
Shore hardness A	55 - 65 -	DIN 53505

Storage and stability

Shelf life	9 ¹ months
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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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