



# BETAMATE™ 1489HM

## Structural Adhesives

BETAMATE™ 1489HM is a one-component, heat-curing, epoxy-based adhesive especially developed for the body shop. It is capable of bonding oily galvanized, cold-rolled steel, and aluminum without a primer.

BETAMATE™ 1489HM is galvaneal with a good shelf life. Typical applications include bonding of the vehicle body structure and closure hem flange applications.

### Product information

Colour	Black	
Density	1.34 g/cm <sup>3</sup>	ISO 845

### Rheological properties

Viscosity, Casson	≥230 Pa.s
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### Typical mechanical properties

Stress at break	37 MPa	ISO 1798
Strain at break	6.5 %	ISO 1798
Lap shear strength, 3 days	≥33 MPa	DIN EN 1465
Peel strength, T-Peel	5 N/mm	ISO 11339

### Characteristics

Compatibility	Metals
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