

# EPOXONIC® 333

**1-part adhesive for  
advanced demands on  
temperature stability**

EPOXONIC® 333 is a solvent-free, unfilled, toughened and slight thixotropic 1-part adhesive based on epoxy resin.

## Main characteristics:

High glass transition temperature

Crack resistance

High adhesion to metals

Chemical resistance

Storage at 2 – 8 °C

## Application:

EPOXONIC® 333 is especially suited for special demands on temperature stability and temperature shock stability.

## Properties:

Specific values measured by standard test specimen at 23 °C, cured 3 h / 120 °C.

Colour	Beige	
Density	approx. 1.2 g/cm <sup>3</sup>	DIN EN ISO 1183-1
Glass transition temperature (DSC)	110 °C – 120 °C	DIN 53765
Shear strength) 23 °C on		EPOXONIC PV 29
Aluminium	50 - 60 MPa	
PA 6.6	25 - 35 MPa	
PPS	30 - 40 MPa	
PBT	50 - 60 MPa	

## Processing:

Viscosity cone/plate viscometer	25 °C	45,000 – 65,000 mPas
Pot life	25 °C	Minimum 1 week (time to double viscosity)
Cure schedule		e.g. 3 h / 120 °C Optimum cure schedules have to be determined by the specific application.

## Storage:

The shelf life of EPOXONIC® 333 is 12 months at 2 to 8 °C when stored in tightly closed, original containers.

## Health and Safety:

Recommended industrial hygiene procedures should always be followed when handling this product. Please refer to the corresponding Material Safety Data Sheet for details.

## Packaging:

EPOXONIC® 333 is delivered in 1 l metal cans. Other packaging options are available upon request.

## Quality Assurance:

If required EPOXONIC® 333 will be supplied with a Certificate of Analysis.

## Disclaimer:

All information herein is based on the present state of knowledge and believed to be reliable. Any suggestions or recommendations are made without liability on our part since we shall have no control over the use of our product. Buyers and users should make their own assessment of this product under their own conditions and for their own requirements.