



PROTAVIC[®] ANE 50030-R A PROTAVIC[®] ANE 50030-R B

16691-08-A
28093-A
28094-B

DEFINITION

The **PROTAVIC[®] ANE 50030-R A/B** is a REMOVABLE epoxy two component adhesive designed for silicon processing application. It has been formulated for use in processes in which adhesives must resist to hot water and/or hot PEG and has to be removed in acidic conditions.

It may be applied more particularly in ingot saving applications.

PRODUCT DESCRIPTION

PROTAVIC[®] ANE 50030-R part A

Appearance	viscous liquid	
Colour	black	
Significant value	Result	Method
Cone and plate viscosity (mPas)	7500 ± 1500	NFT 51211
Other information		
Stability in original unopened packages	6 months at T ≤ + 25°C	

PROTAVIC[®] ANE 50030-R part B

Appearance	viscous liquid	
Colour	grey	
Significant value	Result	Method
Cone and plate viscosity (mPas)	9500 ± 1500	NFT 51211
Other information		
Stability in original unopened packages	6 months at T ≤ + 25°C	

PROTAVIC[®] ANE 50030-R A/B mixed product

Mix ratio	By weight	Part A/B : 1/1
	By volume	Part A/B / 1/1
Properties	Results	
Cone and plate viscosity (mPas)	About 7500	
Density	About 1.33	
Curing schedules	- 15 hours at 25°C - 10 minutes at 80°C	
Pot life* at 20 ± 2°C	10 minutes	

- : * pot life defined as time corresponding to 100% increase viscosity

APPLICATION PROPERTIES

The **PROTAVIC® ANE 50030-R A/B** has been formulated to cure at low or moderate temperature. After curing, it exhibits excellent adhesive properties. It may be easily removed in hot acidic water without any residue.

Cured **PROTAVIC® ANE 50030-R A/B** main properties may be summarized as follows :

PROPERTIES / DESCRIPTION	RESULTS
Adhesion strength after curing 15 hours at 25°C (2x2 mm ² Silicon dies / Cu plate)	200 kg / cm ²
Residual adhesion strength after curing + 15 minutes in a 80°C – 4% lactic acid bath – (2x2 mm ² Silicon dies / Cu plate)	25 kg/cm ²
Glass / glass bonding behavior after curing 15 hours at 25°C + 15 minutes in a 80°C – 4% lactic acid bath	debonding
Resistance in a 65°C water bath	good
Resistance in a 65°C PEG 200 bath	good

PRECAUTION OF USE

Refer to the attached material safety data sheet.

PACKAGING

The **PROTAVIC® ANE 50030-R A/B** is available in 1:1 two components kits. Other packaging are available upon request.

The information contained in this data sheet corresponds to the present state of our knowledge ; it is intended for your guidance but we are not bound by it since we are not in a position to exercise control over the manner in which our products are used. Moreover, the attention of the user is drawn to the risks that could possibly occur should a product be used for an application other than that for which it is intended.