



# PROTAVIC<sup>®</sup> ANE 30424

A 28140-08 B

## DEFINITION

Electrically insulating mono-component used for structural mounting.  
It presents very long pot life when stored in fridge and a high reactivity a high temperature.  
It very high thixotropy makes the product well adapted for application by brushing or painting.

## PRODUCT DESCRIPTION

Appearance	viscous liquid	
Odor	faint	
Color	cream	
<b>Guaranteed specification</b>	<b>Standard</b>	<b>Method</b>
Cone and plate viscosity (5 rpm – 25°C)	50000 ± 15000 mPa.s	NFT 51211
<b>Other information</b>		
Pot life* at 20 ± 2°C	Several weeks	
Density	1.2 approx.	
Thixotropy index	.3 – 4	
Possible curing cycles	- 1 hour at 150°C	
Storage stability	- 1 year at 4<T <10°C (fridge)	

\* defined as 100% viscosity increase.

## APPLICATION PROPERTIES

The **PROTAVIC<sup>®</sup> ANE 30424** adhesive combines excellent properties.

Its good latency enables it to be kept at 20 ± 2°C for several weeks, so the viscosity remains virtually unchanged throughout the working day. The long pot life and the absence of solvent ensure that the product remains at a reasonably constant viscosity and facilitate machine application.

It possesses excellent properties in terms of adhesion and protection against harmful environmental factors, due to its high purity epoxy base.

It is 100% cross-linkable by heat at moderate temperature (100 - 150°C).

## METHOD OF USE

1. Take the package out of the freezer not more than 1 hour before use in order to prevent any re-absorption of moisture.
2. Work on clean surfaces or clean all surfaces in order to remove any dirt or grease. Do not deposit the adhesive on a substrate which has just been cleaned with chlorinated solvents.
3. Apply the adhesive :
  - by brushing
  - by painting.
4. Cure using one of the curing cycles which are compatible with the components, the substrate and the manufacturing conditions.

## **FIELDS OF USE**

The **PROTAVIC® ANE 30424** adhesive excellent properties make it especially suitable for use in structural sticking.

### **1. PHYSICO-CHEMICAL PROPERTIES**

PROPERTIES	METHODS	UNITS	RESULTS
Color			cream
Density at 20°C	NFT 51201 - ISO 1675		about 1.2
shear strength	- after polymerization 150°C for 60 minutes	daN/cm <sup>2</sup>	> 300

### **2. THERMAL PROPERTIES**

PROPERTIES	METHODS	UNITS	RESULTS
Coefficient of thermal expansion - from -50°C to +120°C	TMA 1	ppm/°C	50 - 60
Glass transition temperature	TMA 1	°C	110-120
Decomposition temperature in air	TGA 1	°C	> 350

## **PRECAUTION IN USE**

Refer to the attached material safety data sheet

## **PACKAGING**

The **PROTAVIC® ANE 30424** adhesive is supplied in 1 kg pots.

*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.*