

Technical Datasheet



ENGUARD™ BP 72 A Multi Purpose Bonding Paste

ENGUARD BP 72 A is a pre-accelerated bonding paste based on unsaturated polyester resin, with good mechanical properties. ENGUARD BP 72 A has a low filler content and a high thixotropy level avoiding sagging and making application easy.

Typical properties of bonding paste	Property at 23 °C	Value	Unit	Method
	Density		1,2	kg/dm ³
Geltime, 2% MEKP-50		10	min	D 006
Hardening time, 2% MEKP-50		3	hours	QC 36
Complete hardening		72	hours	

Typical properties of cured bonding paste	Property	Value	Unit	Method
	Tensile strength		30	MPa
Shear strength		29	MPa	R 028
Compression strength		142	MPa	R 029
Hardness		30	Barcol	ASTM D2583

Application and use ENGUARD BP 72 A bonding paste is suitable for use in the marine, building/sanitary, tanks/silos and transport/panel industry. ENGUARD BP 72 A is used for adhesion of polyester laminates and/or adhesion of polyester laminates to balsa, PVC or PU foam in sandwich structures.

Certificates and approvals The manufacturing, quality control and distribution of products, by Ashland Performance Materials, are complying with one or more of the following programs or standards: Responsible Care, ISO 9001, ISO 14001 and OHSAS 18001.

Handling and storage It is highly recommended that all materials and tools are stored at stable temperature under 25 C preferably indoors and away from direct sunlight. Surfaces to be bonded must be cleaned eg. with acetone or by grinding. A high quality methyl ethyl ketone peroxide (MEKP) should be used between 1-2%. The bonding paste with catalyst must be stirred well before taken in use.

Shelf life of ENGUARD BP 72 A is 5 months.

Prolonged storage or storage outside of recommended conditions can influence liquid bonding paste properties like viscosity and gel time and it is recommended to test these properties before starting application.



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Ashland requests that the user reads, understands and complies with the information contained herein and the current Material Safety Data Sheet.



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