

NP1433 CLEAR EPOXY RESIN SYSTEM

FOR DECORATIVE DECOUPAGE COATINGS

Product Description

NP1433 is a two-component epoxy resin system with a low mix viscosity. The mixed resin can be cured at room or low elevated temperatures. The cured product exhibits excellent clear, glossy,

solvent free, high build coatings. This resin system can be used where objects such as wooden frames, clocks, pictures and signs are coated to a high gloss finish.

The LED Range of Resins

The NP1433 two-component clear epoxy from our LED range of resins has been developed for decoupage applications.

The system displays a high gloss, chemically resistant, clear coating for a wide range of applications.

Typical Uncured Physical Properties

Property	Base	Hardener	Mixed System
Viscosity (mPas)	4000	1700	
Colour	Clear	Clear	Clear
Specific Gravity	1.16	0.94	1.04
Mix Ratio	1.23 1	1 1	By Weight By Volume

Pot Life	20 Minutes	200 g @ 23°C
Gel Time	30 Minutes	200 g @ 23°C
Complete Cure	24 Hours	200 g @ 23 °C
Peak Exotherm	160°C	200 g @ 23°C

Typical Cured Properties

Property	Result	Units
Operating Temperature	-50 to +130	°C Continuous
Shore D Hardness	60	After 72 hours
Electric Strength	15	kV/mm
Continuous Tracking Index	>850	V
Thermal Conductivity	0.2	W/mK
Deflection Temperature	40	°C (Approx)

Note: The above technical information and data should be considered representative or typical only and should not be used for specification purposes.

FEATURES

- Ambient Cure
- Transparent
- Clear, Glossy Coatings & Doming
- Decorative Decoupage





FEATURES

- Ambient Cure
- Transparent
- Clear, Glossy Coatings & Doming
- Decorative Decoupage



1 Kingdom Avenue, Northacre Industrial Park, Westbury, Wiltshire BA13 4WE England
 (+44) 01373 858234
 sales@alh-systems.co.uk
 www.alh-systems.co.uk

TECHNICAL DATA SHEET

NP1433 CLEAR EPOXY RESIN SYSTEM

FOR DECORATIVE DECOUPAGE COATINGS

Supply	Details
Twinpacks	Ideal for mixing without the entrapment of air.
Kits	The resin base and hardener are supplied in two separate containers, pre-weighed to facilitate accurate mixing for larger applications.
Bulk	Available in proportioned containers.
Shelf Life	The materials should be stored in the original unopened containers under cool dry conditions at temperatures between 10 and 25°C. The shelf life is one year. Opened containers should be resealed.

Health & Safety

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. All Products should be used in accordance with your own COSHH Assessments. For additional health and safety information, call 01373 858234.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that ALH believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond ALH's control and uniquely within user's knowledge and control can affect the use and performance of an ALH product in a particular application. Given the variety of factors that can affect the use and performance of an ALH product, the user is solely responsible for evaluating the ALH product and determining whether it is fit for a particular purpose and suitable for the user's methods of application

Warranty, Limited Remedy & Disclaimer

Unless an additional warranty is specifically state on the applicable ALH product packaging or product literature, ALH warrants that each ALH product meets the applicable ALH product specification at the time ALH ships the product.

ALH MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.

If the ALH product does not conform to this warranty, then the sole and exclusive remedy is, at ALH's option, replacement of the ALH product or refund of the purchase price.

Limitation of Liability

Except where prohibited by law, ALH will not be liable for any loss or damage arising from the ALH product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.