

PRODUCT DESCRIPTION:

AA- COAT WD1 is an optically Clear, low viscosity, high impact epoxy adhesives specially developed for sealing wood bamboo, hard boards & forestry products. This product allows for capillary action to encapsulate providing the finest finish for hard to coat wood grain, cracks, and holes. This product contains no VOC's with deepest surface penetration.

AA- COAT WD1 is a two part coating easily mixed and cured at room temperature or accelerated by heat. It offers a good pot life and improve impact strength.

GENERAL PROPERTIES:

Appearance	Clear
Cure Type	Room temperature or Heat cure
Benefits	<ul style="list-style-type: none"> • Wood Coating • Low viscosity • Long working time (Pot life)
Mix Ratio by weight	100:30 / Resin: Hardener
Typical Application	Most Metals , Wood , Polyester, Glass, Glass fabrics, Hard boards & forestry products, Ceramics, Countertops and other materials
Operating Temperature	-40 to 135 °C

UNCURED PROPERTIES:

Specific Gravity, mixed	0.98
Reactive solids contents, %	100
Pot Life at 25 °C 100 grams	2.5 hours
Shelf life	1year @ 25 °C
Viscosity, cps at 25 °C	210

CURED PROPERTIES:

Hardness, Shore D	78
Tensile Strength, Psi	7400
Dissipation Factor, 60Hz	0.010
Volume Resistivity, ohm/cm	3.3x 10 ¹⁵

CURE SCHEDULE:

Full cure at Room temperature 25°C	48-72 hours
110 °C (230 °F)	1/2 to 1 hour
Dry to touch	14 hours

GENERAL INFORMATION:

For safe handling information on this product, consult the Safety Data Sheet (SDS).

HOW TO USE:

1. Carefully clean and dry all surfaces to be coated or bonded.
2. Mix by hand stirring or with mechanical agitation until catalyst and resin are uniformly dispersed. Mix ratio must be observed by either weight or volume. Incorrect mix ratio will yield inconsistent results.
3. Vacuum may be used where required for absolute bubble-free coating.

Storage:

AA-COAT WD1 should be stored at RT temperature with ventilated area.

AVAILABILITY:

This epoxy can be supplied in many various packages.

Atom Adhesives

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