

ADBOND 3023A-1

Type I water-based adhesive for lamination and assembly

DESCRIPTION

ADBOND 3023A-1 is a type 1 polyvinyl acetate adhesive used in conjunction with catalyst ADBOND 3023CB-1. It can be used on solid wood (including exotic wood), MDF, particle board, plywood, laminates or wood veneer. ADBOND 3023A-1 (with catalyst ADBOND 3023CB-1) has excellent water resistance, very good heat resistance, good resistance to static load and very fast setting speed in room temperature cold press, hot press and radio frequency press. It gives better initial strength when use in hot press with the catalyst addition.

PHYSICAL PROPERTIES

Color	White
Viscosity	4000 – 5000 cPs
Solids	50% - 52%
pH	4.0 – 5.5
Specific gravity	1.08 g/cm ³
Water resistance (ASTM D5572)	CSA 0112.8M1977 type 1 (with catalyst ADBOND 3023CB-1 addition)
Shelf life	Minimum of 3 month in the original unopened container when stored in a cool dry area

MIXING INSTRUCTION

ADBOND 3023A-1 must be mixed with 5% by weight of catalyst ADBOND 3023CB-1 to meet CSA 0112.8M1977 type 1. Stir adhesive during catalyst addition and mix 5 minutes. The pot life of the mixture is 48 to 72 hours.

APPLICATION

ADBOND 3023A-1 can be applied with squeeze bottle, brush, roller, pneumatic gun or mechanical roller coater. For roller coater application, apply 9-14 mils wet film thickness. Typical assembly time should be between 10 to 20 minutes depending on temperature and adhesive film thickness. Assembly should be pressed at least 60 minutes. Depending on component type use in assemblies, machining steps can be achieved 4 hours after press or clamp release. Press time can be reduced to 90 seconds with usage of a hot press at a temperature of 194°F (90°C). Consult your technical representative for more details.

SUGGESTED USE

- Kitchen doors and cabinets assembly
- Lamination
- General assembly
- Hot or cold press.
- Membrane press

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STORAGE

3 months from date of production, in the original unopened containers. Protect from freezing. Keep in a hermetic closed container to avoid any contamination.

PACKAGING

- 20 liters pail
- 200 liter drum
- 1000 liter tote tank

CLEANING

Unusable adhesive and wash water is classified as industrial liquid waste and must not be sewerred or sent to municipal landfill without pre-treatment. Clean adhesive equipment with high pressure water spray to minimize water usage. Review local disposal regulations to determine optimum method for effluent pre-treatment.

CAUTION

Always consult SDS (Safety Data Sheet) before using the adhesive. For industrial use only. For more information, please contact your technical representative.

IMPORTANT

READ CAREFULLY

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

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