

PRODUCT DESCRIPTION

DURAPRO AW0028 meets the highest specifications for PVA wood glues in accordance with ASTM D-4317 TYPE 1 water-resistance standard. DURAPRO AW0028 is a high performance adhesive that is designed for both indoor and outdoor woodworking. Ideal for woodworking applications that are intended to be frequently exposed to variable climate conditions, and where high humidity resistance is essential. Bond is stronger than the wood. #1 choice for doors and windows wood components.

PRODUCT FEATURES

- **Water-resistance PVA Type I**
- **Interior / exterior**
- **Marine grade ***

PREPARATION

Mix well before using. Adhesive, material and room temperature should be above 10°C. All surfaces to be glued must be clean and dry. Best bonds are obtained when moisture content of wood ranges between 6% and 8%.

APPLICATION

Apply directly from the plastic bottle or with a brush or a glue spreader. Joints must be tight fitting. Apply glue generously to one surface. Join the parts and clamp. When glue becomes translucent, bond has been formed. Allow to dry before sanding. *Not for continuous immersion in water. Recover glue joints with a protective coating. Must dry 24 hours before exposing to water or humidity. Optimal water resistance is achieved after 1 week.

GUIDELINES (AT 20°C % 50% RH)

Assembly time: 5-10 minutes

Clamp time: 20-30 minutes

Drying time: 6-8 hours

Cold press: 30 minutes at 50 – 150 PSI at 21°C;

60 minutes at 50 – 150 PSI at 15°C

Hot press: 2-3 minutes at 100 PSI at 120°C

RF press: 1-2 minutes

Spread rate: approx. 6 sq.m./L (240 sq.ft./gallon)

PHYSICAL PROPERTIES

Viscosity	3,500 – 4,200 cps (5/20 rpm/25°C)
Solids	46 - 48 %
Specific Gravity	1.08
pH	3.0
Colour	Beige
Water-resistance	Excellent (when dry)
Open Time	5 minutes
Minimum Operating Temperature	5°C
MFFT	-2.5°C
VOC calculated (SCAQMDR 1168) (Ecologo UL2762)	< 30 g/L less water < 5% per weight

ADDITIONAL INFORMATION

- Meets ASTM D-4317 Type I water-resistance specifications
- Meets ASTM D-5572 wet-use specifications for finger joints

- Meets CSA 0112.8M 1977 Type 1 standards

- Curing time to reach type 1 water-resistance properties:
14 days at 23°C or 12 hours at 50°C.

CLEAN-UP

Clean hands and tools with warm soapy water before the product dries. If glue has hardened, use 50% solution of acetone and water for cleaning. On bonded materials, scrape off and sand dry excess.

STORAGE

Store indoor in a cool, dry location between 10°C and 35°C. Keep container closed when not in use. Protect from freezing. Product is freeze-thaw stable if frozen not lower than -10°C in transit.

SHELF LIFE

Shelf life is 18 months at room temperature in original unopened container. Viscosity of AW0028 will increase with time, but as long as the material can be stirred to a smooth consistency it is satisfactory to use. Slight separation may occur (thin layer on top), this is an esthetic rather than technical problem. In this case, shake well before applying. Do not dilute.

AW0028

PVA TYPE 1 GLUE

DISPOSAL

Consult your municipality to dispose container and left-over in accordance with environmental regulations.

ENVIRONMENT

This product contains no added urea-formaldehyde resin. The use of this product may contribute in obtaining LEED credits.

PACKAGING & ORDERING INFORMATION

Item code	Size	Units per Case	Units per Row	Units per Pallet
AW0028-236	236 ml	12	216	1296
AW0028-473	473 ml	8	224	896
AW0028-001	1 L	6	132	528
AW0028-004	4 L	2	20	100
AW0028-015	15 L	1	16	48
AW0028-PD	205 L	1	4	4
AW0028-CGT	1000 L	1	1	1

PRECAUTIONS

Keep out of reach of children. May cause slight eye and skin irritations. Avoid contact with eyes and skin. **FIRST AID TREATMENT:** If in eyes or on skin, rinse the affected areas with water. If swallowed, drink water and call a doctor. **For industrial user – Refer to Safety Data Sheet (SDS) for further information.**

LOT CODE

Lot code (batch number) is stamped on the lid or on the side panel of the container. Code consists of 6 digits: 2 letters and 4 numbers

1st letter = last number of the year of production corresponding to the sequential alphabetical order (excluding I and J) (starts over at A every decade);

2nd letter = indicates the month of production corresponding to the sequential alphanumeric order (excluding I and J);

4 numbers = sequential batch number starting by 0001 on the 1st day of production in the annual calendar year.

Example: LA0123

1st letter: L = 2020

2nd letter: A = January

4 digits: 0123 = 123th batch produce since January 1, 2020

WARRANTY

Surface conditions, product application, storage and transport are beyond the manufacturer's control; liability, if any, is limited to the replacement of product ONLY.

Product made for sale and use in Canada only.

DISCLAIMER

Our personal is available to help purchasers obtain best results from our products, and recommendations are based on tests and information believed to be reliable. However, since we have no control over the conditions under which our products are transported to, stored, handled, or used by purchasers, all recommendations and sales are made on conditions that we will not be held liable for any damages resulting from their use. No representative of ours has any authority to waive or change this provision.

TECHNICAL SERVICES

Technical assistance is available by phone at 800-361-2340 or email at durapro@dural.ca

To acquire technical and safety literature, please visit our website at www.dural.ca and www.duraproadhesives.com.

REVISION DATE

September 2022

MANUFACTURED BY

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