



Wilsonart Type II Adhesive

Water Resistant PVA Wood Glue for Assembly, Cold Pressing, Hot Pressing and Fire Doors

Applications

- Joint assembly and hot/cold press laminating
- Consumer or professional use
- Carries ASTM D4317 Type II classification
- Carries EN204 type D3 European classification
- Carries Warnock-Hersey registration for GP and Marshfield fire doors up to 90 minute (Consult your Wilsonart representative for further details)
- Demonstrates good RF green strength

FIRE DOOR AUTHORIZATION

Wilsonart WA Type II is approved for use in the assembly of up to 90-minute fire doors using the proprietary core material specifications of the following companies:

**Marshfield Door Systems, Inc.
Georgia-Pacific**

Installation shall be in accordance with Wilsonart approved installation instructions, and no other manufacturer's substrates are authorized under this qualification. For further questions, consult your Wilsonart representative

Applications to Avoid

- Tempered hardboard products
- Generic fire retardant treated board products (*without consultation with Wilsonart representatives*)
- Low pressure melamine, metallic, painted, or polyester surfaces, and waterproof (Type I) demands

General Description

- An emulsion of polyvinyl acetate in water

Availability

- 270 gallon totes (disposable / non-returnable)
- 55 gallon drums • 5 gallon pails
- 1 gallon bottle • 1 quart bottle • 1 pint bottle

Physical Properties

- Color: White
- Viscosity: 4900 (typical)
- Density: 9.1 pounds/gallon
- Solids Content: 48% ± 1%
- pH: 2.85 (typical)
- VOC Content: < 20 grams/liter
- VHAP Content: < 0.032 lbs./lbs. solids
- Coverage (@ 7 mils) ~229 sq. ft./gallon
- Chalking Temperature: 60° F
- Use Temperature: 70° F – 85° F

Storage/Shelf Life

- Do not allow product to freeze. WA Type II is not freeze-thaw stable.
- Close container when not in use and store off the floor (which acts as heat sink).
- Rotate stock.
- Shelf life expires 1 year from manufacture date stated on the container.
- Agitation may be required if product thickens.

Safety

- Non-flammable
- Mildly irritating to eyes
- May irritate sensitive skin
- Inhalation may irritate respiratory tract
- See MSDS for complete data
- 24 hr. Chemtrec emergency number: 1-800-424-9300 (US) ; 703-527-3887 (International)

General Application Instructions

- Ensure surface is clean and dry and all substrates are acclimated together at or above 65°F.
- May be applied by squeeze bottle or glue spreader.
- At least one surface must be porous.
- Bond at 70° F minimum.

Joint Assembly

- Use a generous amount of adhesive.
- Clamp for 30 minutes.
- Allow a minimum of 1 hour before machining.

High Pressure Decorative Laminate

- Ensure laminate and substrate have acclimated to the same temperature before bonding.

Hot or Cold Press Laminating

- Use correct roller groove configuration (Black Bros. A2158) with minimum of 16 grooves/inch and with no cross groove. Dual durometer rollers enhance coverage on uneven substrates.
- Cover at 6-8 wet mils
- Open time is 5 minutes and closed time is 20 minutes
- Allow for at least a 30 minute cold press time at 70° F and at 45% relative humidity.
- Press at 40-50 psi evenly across the entire assembly and allow 1 to 2 hour press time at less than ideal conditions.
- Full cure develops in 24 hours.
- Delay machining for 12 hours after bonding.

Hot Press Time

- Press at 40-50 psi for 60 to 90 seconds @ 180°F to 200° F
- Allow panel to cool to room temperature (about 2 to 5 minutes) before additional processing.

Cleanup

- Clean with hot tap water while glue is wet
- Removal of dried adhesive is very difficult
- Use diluted ammonia to clean dry adhesive
- Washwater is RCRA non-hazardous
- Dispose of in accordance with regulations

Primary Contents

- NJTSRN #990010

Warranty

Wilsonart International, Inc., warrants to the user that this product is free of defects for a period of one (1) year from the date of manufacture, and when it is applied in accordance with manufacturer's instructions, it will perform to the user's satisfaction, or the manufacturer will replace the container at no cost or additional charge to the user, provided the unused portion of the product is returned to the place of purchase within 15 days of the date of purchase. This warranty does not apply to (I) products that are purchased after the expiration of the manufacturer's recommended shelf life as stated on this technical data sheet, (II) misuse or mishandling of the product, (III) improper storage, or (IV) improper fabrication using this product. **NO OTHER WARRANTIES, EXPRESSED OR IMPLIED ARE MADE, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

UNDER NO CIRCUMSTANCES SHALL THE MANUFACTURER BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF WILSONART INTERNATIONAL, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATION OF THIS WARRANTY. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state, therefore, some of the limitations stated above may not apply to you. It is to your benefit to save your documentation upon purchase of product.

For More Information

www.wilsonart.com (Adhesive Link) for:

- Tech Data Sheets
- Material Safety Data Sheets (MSDS)
- Adhesive Use Quick Reference Charts
- Certified Product Data Sheets (CPDS)
- Customer Service Line 1-800-433-3222
- Wilsonart International Adhesives Division
10601 NW Dodgen Loop
Temple, TX 76503-6110

California Proposition 65 Status

This product contains the following chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity and for which warnings are now required: Acetaldehyde and formaldehyde

CAUTION: Inhalation may irritate respiratory tract. Mildly irritating to eyes upon contact. Prolonged exposure may irritate sensitive skin.