

CI/SfB		Yt3
CAW Z20		
Uniclass L6739:P7116		
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# WD120

## Weatherproof PVA Adhesive D3

### KEY BENEFITS SUMMARY

- Weatherproof PVA adhesive suitable for external use - meets the requirements of EN 204 (D3)
- Can be used in load bearing applications - tested to BS 4071 for creep resistance
- Suitable for RF curing systems, hot and cold pressing and for brush, roller or spray application
- Rapid development of bond with a high final bond strength

### PRODUCT INFORMATION

#### Description

illbruck WD120 Weatherproof PVA is a premium PVA adhesive suitable for internal and external applications where resistance to water is required.

#### Usage/Purpose

illbruck WD120 is suitable for bonding wood, decorative laminates, chipboard, blockboard, veneers and similar substrates. It is suitable for use in non stressed high humidity indoor environments and indoor or outdoor applications where intermittent contact with cold or hot water may occur.

#### Colour

White liquid, dries translucent

#### Packaging

1 kg bottle (12 per box)  
5 kg bottle (4 per box)  
25 kg drums

#### Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details) or via local and national distributors.

#### USAGE GUIDELINES

##### Necessary Tools

Paddle or spatula to stir adhesive, and suitable brush, roller or spray equipment to apply adhesive.

##### Preparation

- All surfaces to be bonded must be close fitting, degreased, clean, and free from dust and any other contamination.

##### Application

- Remove any skin on the surface of the adhesive and stir before use.
- Apply the adhesive to one surface only using brush or roller.
- Open time will be approximately 5 minutes depending on ambient conditions. Assembly should be made as soon as convenient within the open time.
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- Pressing should be carried out as soon as possible after assembly whilst the adhesive is still wet. It is recommended that a press time of 14 - 20 minutes is used at 20°C. In a heated press at 70°C the minimum press time is reduced to 3-5 minutes. Pressure should be between 0.21 and 0.69 N/mm<sup>2</sup> (30 to 100 p.s.i.)

The following are indicative bond strength values which can be expected. All figures given are for wood to wood at approximately 14% moisture content at 20°C:

After 15 minutes press - 4.14 N/mm<sup>2</sup>  
After 60 minutes press - 6.21 N/mm<sup>2</sup>

##### Coverage

5.0 to 7.0 m<sup>2</sup> of bonded area per kg.

##### Cleaning

Tools, equipment and surplus adhesive can be removed with a damp cloth before the adhesive dries. Cured adhesive can be removed using Tremco AW421 Industrial Cleaner.

##### Storage

Store in dry shaded conditions between +5°C and +25°C.

##### Shelf Life

12 months when stored as recommended in original unopened packaging.

##### Health and Safety Precautions

Product Safety Data Sheets must be read and understood before use.

## TECHNICAL INFORMATION

Composition	PVA Homopolymer Emulsion
Conformance	EN 204: D3, BS 4071 Creep Resistant
Specific Gravity	1.05
Viscosity (at 20°C)	100 - 200 cps
Open Time	5 minutes
Maximum Bond Strength (at 20°C)	24 hours
Application Temperature	+5°C to +25°C

### Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

### Guarantee / Warranty

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.