

Cl/SfB	Yt3
CAW Z20	
Uniclass L6739:P7116	

Composition

PVA emulsion

Description

Liquid

Colour

White liquid, dries translucent

Packaging

1 kg bottle (12 per carton)

5 kg bottle (4 per carton)

25 kg drums

Technical Information

Property	WD120
Composition	PVA emulsion
Conformance	EN 204: D3, BS 4071 Creep Resistant
Specific Gravity	1.05
Viscosity (at 20°C)	10,000 - 20,000 cps
Open Time	5 minutes
Maximum Bond Strength (at 20°C)	24 hours
Application Temperature	+5°C to +25°C
Service Temperature	-30°C to +80°C
Storage	Store in dry shaded conditions between +5°C and +25°C.
Shelf Life	12 months when stored as recommended in original unopened packaging.

Necessary Tools

- Paddle or spatula to stir adhesive, and suitable brush, roller or spraqy 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.
- 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/mm² (30 to 100 p.s.i.).

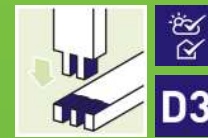
Bonding Times

- 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/mm²
- After 60 minutes press - 6.21 N/mm²



WD120

Wood Adhesive



Usage / Purpose

WD120 is a premium PVA adhesive suitable for internal and external applications where resistance to water is required. It is ideal for bonding wood, decorative laminates, chipboard, blockboard, veneers and similar substrates. illbruck WD120 is suitable for use in non-stressed high humidity indoor environments and indoor our outdoor applications where intermittent contact with cold or hot water may occur.

Key Benefits

- 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

WD120

Wood Adhesive



Coverage

5.0 to 7.0 m² 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 AT200 High Strength Cleaner.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

BASA

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 service 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.

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