

305

WATER RESISTANT PVA

Technical Data Sheet

ISSUED: December 2019

- HIGH MOISTURE RESISTANCE (DIN EN 204/D3)
- ONE COMPONENT – NO PREMIXING
- HIGH BOND STRENGTH & HEAT RESISTANCE

DESCRIPTION

TAC ADHESIVES – 305 WATER RESISTANT PVA is a LOWER VISCOSITY, one part FAST SETTING PVA which has VERY GOOD RESISTANCE TO WATER according to EN204/D3 and GOOD RESISTANCE TO HIGHER TEMPERATURES AND CREEP.

FIELDS OF APPLICATION

Humidity resistant gluing according to EN204/D3 of hardwoods, softwoods and boards.

Hot or Cold Press gluing.
Radio Frequency gluing.

APPLICATION

Coverage rate, open time and press time are dependant on type of materials to be bonded as well as workshop conditions such as temperature and humidity.

Best results are obtained under the following conditions:

Workshop, material and glue temperature: 20°C

Wood moisture: 8 - 10%

Relative humidity: 60 - 70%

Apply adhesive evenly to one surface with a squeeze bottle, brush, roller applicator etc.

Coverage Rate: assembly gluing ~ 180g/m²

surface gluing ~ 100 g/m²

Join surfaces before end of open time.

Open Time @ 20°C: 5 - 10 minutes

Press or clamp until sufficient initial strength is obtained.

Press Time @ 20°C: 1 - 2 hours

Hot Press @ 80 - 100°C : 1 - 2 minutes

Final Bond Strength: 24 hours

SURFACE PREPARATION

Surfaces to be bonded should be clean and free from oil, dust and other foreign materials. Ensure surfaces fit together exactly to avoid extended drying times and reduced bond strength.

CLEAN UP

Use warm soapy water to clean tools before adhesive dries.

TECHNICAL DATA

Base: Polyvinyl acetate
Colour: White (dries clear)
Viscosity: Thin cream
pH: 3.3
Pack Sizes: 1100Kg Shutz tank
Best Before: 12 months

STORAGE

Store under cover, out of direct sunlight in tightly closed original containers. Do not freeze.

FIRST AID

If swallowed, DO NOT induce vomiting. Give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. Refer to Safety Data Sheet for further information.

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The information contained in this technical data sheet is based on our present knowledge and experience. They may be considered only as guidelines as many factors can affect processing and application. Users should determine the suitability of the product by means of their own tests for its intended application.