



EVO-STIK Wood Glue Exterior

A WEATHERPROOF WOOD GLUE FOR EXTERIOR USE

TECHNICAL SHEET NO: TDS00154 10/01/2024

SMART ADVANTAGES

- Conforms to BS EN 204 D3 Standard
- Guaranteed bond strength
- Goes on white, dries clear
- Interior and Exterior

DESCRIPTION

EVO-STIK Wood Glue Exterior is a one-part synthetic resin emulsion adhesive for general bonding of wood assemblies for non-structural applications. It has suitable properties for both internal and protected external use. EVO-STIK Wood Glue Interior is fast setting and dries to form a bond stronger than the wood itself. It can be sanded, painted or stained, Making EVO-STIK Wood Glue Exterior is ideal for general joinery, woodworking and repair jobs. EVO-STIK Wood Glue Exterior is non-flammable and dries translucent.

EVO-STIK Wood Glue Exterior is suitable for the assembly of frames for doors, windows and drawers It is suitable for making mortice and tendon, dowelled, and other close fitting standard woodworking joints. It is also suitable for bonding wood veneers and laminated plastics to wood or chipboard cores. EVO-STIK Wood Glue Exterior may also be used for bonding other materials such as rigid PVC or aluminium edge trim sections to recessed wood.



TECHNICAL CHARACTERISTICS

Colour	White, dries to a translucent film
Form	Viscous liquid
Composition	Modified polyvinyl acetate emulsion (PVAc)
Specific gravity	1.03 approx.
Application Temperature	+5°C to +25°C
Temperature Resistance	-20°C to +60°C, although the maximum safe temperature is dependent upon the stress applied to the bond line
Drying Times	24 hours at 20°C
Open Time	10 to 15 minutes
Water Resistance	EN204 Type D3

APPLICATION

IMPORTANT: Before using EVO-STIK Wood Glue Exterior, refer to the relevant Health & Safety Data Sheet, available at www.evo-stik.co.uk.

PREPARATION

- Surfaces to be bonded must be smooth and finished to fit closely together; for dowelled or mortice and tendon joints the clearance must be less than 0.25mm. Surfaces must also be clean, dry and free from dust or loose material.

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Light abrasion with a medium grade abrasive paper, particularly where sawing or planing has damaged the surface grain, normally gives an acceptable finish.

- EVO-STIK Wood Glue Exterior should be used at temperatures between 5°C to 25°C. Apply an even film of adhesive to one of the surfaces to be bonded. In some circumstances, where greater bond strength is required, coat all surfaces. When bonding dowels or tendons it is preferable to apply the adhesive to the hole or mortice so that the wet adhesive is carried into the socket when assembly takes place. Wood which has been stored in a cold or humid environment must be allowed to condition in the workshop atmosphere before bonding.

APPLICATION

- Assemble the parts whilst the adhesive film is still wet. The maximum open assembly time depends on the substrate porosity and ambient temperature, but generally falls within the range of 5 to 10 minutes.
- When the parts have been assembled, maintain light pressure on the bond line during the initial setting period, using equipment such as vices, jigs, clamps or dead loads.
- The rate of development of joint strength depends upon such variables as ambient temperature, humidity and bonding pressure. In addition to substrate type, porosity, temperature and water content. As a guide, beech substrates at 7°C must be maintained under pressure for at least 12 hours, whereas at 20°C and 55% relative humidity, the time under load may be reduced to little more than 1 hour.

CLEANING

- A moist cloth will remove the 'wet' adhesive but be careful not to spread a thin film onto nearby wood, which might later be varnished or painted. It is sometimes safer to allow the adhesive to just dry then pare off the excess.

STORAGE

- Store for up to 24 months from date of manufacture when stored in original, unopened packaging under dry conditions within the temperature range of +5°C to +25°C. Protect from frost.

PRECAUTIONS IN USE

EVO-STIK Wood Glue Exterior is unsuitable for use in applications such as in columns or roof trusses where there is a continuous static building load.

EVO-STIK Wood Glue Exterior is not suitable for use on joints subject to continuous water immersion.

When using EVO-STIK Wood Glue Exterior in external applications, bond lines can appear white when being exposed to water. It is recommended to protect against this by either varnishing or painting where necessary.

Do not use EVO-STIK Wood Glue Exterior below the temperature of 5°C, as the adhesive will dry white and produce a weak bond.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.evo-stik.co.uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for EVO-STIK Wood Glue Exterior, available at www.evo-stik.co.uk.

PACKAGING

Product codes	30615821	125ml x 24
	30615822	250ml x 12
	30615823	500ml x 12
	30615824	1 Litre x 12
	30615825	2.5 Litres x 1
	30615826	5 Litres x 1

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