

EVO-STIK Wood Glue Exterior

A WEATHERPROOF WOOD GLUE FOR EXTERIOR USE

Date: 16 November 2022

Fact Sheet No.: TDS00154

YOUR SMART ADVANTAGES

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

USES

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.

PRODUCT CHARACTERISTICS

Colour	White, dries to a translucent film
Form	Viscous liquid
Specific Gravity	1.03 approx.

Composition	Modified polyvinyl acetate emulsion (PVAc)		
Product Code	Old Code	New Code	Size
	30602826	30615821	125ml x 24
	30602828	30615822	250ml x 12
	30602827	30615823	500ml x 12
	30813223	30615824	1 Litre x 12
	30813224	30615825	2.5 Litres x 1
Storage/Shelf Life	30813225	30615826	5 Litres x 1
	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.		
Odour	Sweet		

TYPICAL PERFORMANCE DATA (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

DIRECTIONS FOR USE

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

PREPARATION

1. 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. Light abrasion with a medium grade abrasive paper, particularly where sawing or planing has damaged the surface grain, normally gives an acceptable finish.
2. 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

3. 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.
4. 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.
5. 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

6. 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.

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.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



This disclaimer is issued by Bostik Limited ("the Company") and applies to the use of any products supplied by the Company ("the Products") displayed on this Technical Data Sheet ("TDS"). Please read this disclaimer carefully before using any of the Products. Using this TDS and/or the Product constitutes your acceptance of this disclaimer. Its contents shall prevail over any directions of use and any disclaimer and/or exclusion or limitation of liability of the Company which may appear on the packaging of the Products.

This disclaimer sets out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to any user of the Products ("Product User") in respect of any use made or resale by the Product User, of any of the Products in this TDS.

This disclaimer does not affect the Company's liability for death or personal injury arising from the Company's negligence in respect of the Products, nor its liability for fraud, or fraudulent misrepresentation, nor any other liability which cannot be excluded or limited under applicable law.

The Company's total liability however arising and whether caused by tort (including negligence and breach of statutory duty), breach of contract or otherwise, arising in connection with the use made or resale by the Product User of any of the Products in this TDS shall be limited to the price paid for the Product by the Product User.

The Company shall not be liable to the Product User for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims (including in respect of personal injury insofar as not caused by the Company's negligence) for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use made or resale by the Product User of any of the Products in this TDS.

The Company shall not be liable to the Product User in relation to any loss for any use which is inappropriate or use which is otherwise than in accordance with the relevant instructions for use of the Products in this TDS or on the Product. Product Users are advised to confirm the suitability of the Products by their own tests.

This TDS covers just one of a large range of products supplied by the Company.

Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.

Sales	Tel: 0844 371 1192	Fax: 01785 241818	customer.service@bostik.com
Technical Advice	Tel: 0844 371 1197	Fax: 01785 272867	technical.service@bostik.com
Safety Data Sheets	Tel: 01785 272625	Fax: 01785 212962	sds.box-eu@bostik.com