



EVO-STIK Resin 'W' Interior Wood Adhesive

A WATER-BASED PVA ADHESIVE

Date: 14 September 2015

Fact Sheet No.: TDS00357

YOUR SMART ADVANTAGES

- Fast setting, extra strong, no mess interior adhesive that dries to form a bond stronger than the wood itself
- Dries to a clear finish
- Suitable for all wood types

USES

EVO-STIK Resin 'W' Interior Wood Adhesive is a one-part synthetic resin emulsion adhesive for general bonding of wood assemblies for non-structural applications. It has suitable properties for internal use and for protected external use. EVO-STIK Resin 'W' Interior Wood Adhesive is non-flammable, dries translucent.

EVO-STIK Resin 'W' Interior Wood Adhesive may be used for the assembly of frames for doors, windows, drawers, etc. It is suitable for making mortice and tenon, dowelled, and other standard woodworking joints. It is also suitable for bonding wood veneers and laminated plastics to wood or chipboard cores. EVO-STIK Resin 'W' Interior Wood Adhesive may also be used for bonding other materials such as rigid PVC or aluminium edge trim sections to recessed wood for internal use.

PRODUCT CHARACTERISTICS

Colour	White, drying to a translucent film
Form	Viscous liquid
Specific Gravity	1.03 approx.
Composition	Modified polyvinyl acetate emulsion (PVAc)
Solids Content	50.0% approx.

Product Code	30615906 Mini x 24
	30615804 125ml x 24
	30615817 250ml x 12
	30615818 500ml x 12
	30615819 1 Litre x 12

Storage/Shelf Life	Store for up to 24 months from the date of manufacture when stored in original, unopened packaging under dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.
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Odour	Sweet
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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.
Water Resistance	Good but only to occasional exposure.

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Resin 'W' Interior Wood Adhesive refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.



FM 01696
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PREPARATION

1. Surfaces to be bonded must be smooth and finished to fit closely together; for dowelled or mortice and tenon 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 Resin 'W' Interior Wood Adhesive 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 tenons it is preferable to apply 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 while 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 Resin 'W' Interior Wood Adhesive is unsuitable for assemblies continuously wet or immersed in water, and applications such as in columns or roof trusses where there is a continuous static building load. Do not use below 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.bostik.co.uk or 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 Resin 'W' Interior Wood Adhesive, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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