



# EVO-STIK Resin 'W' Wood Adhesive (Interior)

## A WATER-BASED INTERIOR WOOD ADHESIVE

Date: 18 August 2017

Fact Sheet No.: TDS00357

### YOUR SMART ADVANTAGES

- A 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' Wood Adhesive (Interior) 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' Wood Adhesive (Interior) is non-flammable, dries translucent.

EVO-STIK Resin 'W' Wood Adhesive (Interior) 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' Wood Adhesive (Interior) 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       | 30813218 Mini x 24<br>30803769 125ml x 24<br>30803770 250ml x 12<br>30803771 500ml x 12<br>30813219 1 Litre x 12<br>30813220 2.5 Litres x 1<br>30813221 5 Litres x 1  |
| 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. |
| 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. |
| Water Resistance        | Good but only to occasional exposure.  |

### DIRECTIONS FOR USE

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



FM 01696  
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)

Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.

## 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' Wood Adhesive (Interior) 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' Wood Adhesive (Interior) 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](http://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' Wood Adhesive (Interior) available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



FM 01696  
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)

Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.

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 | <a href="mailto:customer.service@bostik.com">customer.service@bostik.com</a>     |
| Technical Advice                          | Tel: 0844 371 1197 | Fax: 01785 272867 | <a href="mailto:technical.service@bostik.com">technical.service@bostik.com</a>   |
| Technical Data & COSHH (MSDS) Data Sheets | Tel: 01785 272625  | Fax: 01785 212962 | <a href="mailto:stafford.gatehouse@bostik.com">stafford.gatehouse@bostik.com</a> |



FM 01696  
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)  
Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.