

Sadolin Stainable Woodfiller



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USES

Two-component wood filler/repair compound for timber in exterior and interior situations. Available in one neutral shade, especially formulated to accept most conventional woodstains and dyes.

Has excellent adhesion to sound timber. It has low shrinkage on drying, and can be sanded, planed, drilled or sawn. May be overcoated with woodstains, varnishes or opaque finishes. It is rapid curing and provides a finish with high impact resistance.

Properties

COMPOSITION

Styrene modified polyester resin. The filler also contains wood particles.

COATING SYSTEM

Stainable Woodfiller forms a durable repair to all types of timber, and may be overcoated with most exterior or interior coatings.

FINISH

When overcoating with translucent products, as with all such coatings, the final appearance is dependent on a number of factors, including the timber species, the relative absorbency of the timber and the filler, and the presence of any existing coating. A trial application is strongly recommended prior to the commencement of work.

RECOMMENDED APPLICATION RATE

The filler should not be applied at depths in excess of 12mm. For larger holes, **Stainable Woodfiller** should be built up in layers of no more than 12mm.

DRYING/CURING TIME (@20°C/65%RH)

Workable : 7 minutes

Sandable : 15 minutes

Coatable : 15 minutes

Note: Drying times are dependent upon drying conditions. Minimum recommended application temperature 5°C. At low temperatures and/or conditions of high relative humidity, curing periods will be extended.

VOLUME SOLIDS

Approximately 99%

Colour Range

Natural

Packaging/Can size

Stainable Woodfiller is available in 350ml containers.

General Information

Apply all products in accordance with BS 6150: 1991 and BS 8000 : Part 12 : 1989 (see Standards section).

Every care is taken to ensure that the information provided in this technical data sheet is accurate. Akzo Nobel Specialist Coatings are

unable to guarantee results as we have no control over the conditions under which our products are applied.

For further help and information contact the Technical Advice Centre on 01480 496868. Before using this product ensure that you have the latest information available.

Preparation

GENERAL

Timber surface must be suitably prepared, clean and dry, with dust, dirt, wax and grease removed. All existing paint or varnish must be totally removed from the area to be filled. The timber should be allowed to acclimatise to its end-use environment. The moisture content should not exceed 18% prior to filling. Ensure any preservative treatment is fully dry.

All timber exhibiting signs of decay must be removed and cut back 25mm into sound material. When filling large areas consideration may be given to splicing in new timber sections. After cutting back, treat the area to be repaired (and any new timber) with **Sadolin Quick Drying Wood Preserver** or **Sadolin Wood Preserver** and allow to dry fully prior to repairing with **Stainable Woodfiller**. Timber treated with **Sadolin Wood Quick Drying Preserver** can be repaired after 24 hours. However when using **Sadolin Wood Preserver** allow 72 hours drying time.

Extra adhesion may be achieved by inserting clean non-ferrous nails or screws to just below the level of the finished surface, and then filling with **Stainable Woodfiller**. Failure to provide a suitable substrate may result in poor adhesion and thus poor performance of the repair. When the material is sanded flush, a near perfect repair will result.

MAINTENANCE

Stainable Woodfiller provides a durable repair to all types of timber substrate. In exterior locations the decorative/protective finish should be maintained in the usual way. If the timber is left unprotected it will move excessively and this may result in a breakdown of the bond between the timber and the filler.

Application

CONDITIONS

Do not apply if there is a risk of rain, or when air/substrate temperatures are below 5°C or above 25°C during application or drying periods. Protect from frost and rain until dry.

Failure to meet these requirements may adversely affect the adhesion, curing, visual quality and durability of the filler.

INITIAL PROCEDURE

Stainable Woodfiller is supplied in two parts, a can of filler and a tube of hardener. Both components must be combined for use.

Place some of the filler (about the size of a golf ball) onto a suitable clean non-porous board, then squeeze about 25mm of the hardener from the tube and mix with the filler. Ensure that the two components are thoroughly blended.

Once mixed, the workable life is approximately 7 minutes at a temperature of 20°C. At a higher temperature this time will be reduced, therefore mix only a sufficient amount for immediate requirements.

APPLYING THE PRODUCT

Apply the mixed material with a plastic spatula, filling knife or similar implement. Apply the filler carefully to ensure all air is displaced and good contact is made between the filler and the timber. When filling holes deeper than 12mm, **Stainable Woodfiller** should be built up in layers of no more than 12mm at a time.

Excess filler should be removed after the initial 7-10 minute curing period using a sharp chisel. During the curing process a certain amount of heat will be generated but this does not affect the repair.

The filler may be sanded after 15 minutes. Do not be put off by a slight surface tackiness as this does not impair sanding and will sand off immediately. Carefully sand the filler flush to the timber surface using a medium grade abrasive paper. Remove all dust.

COATING THE FILLER

The surface of the filler must be lightly sanded to improve the uptake of stains or dyes. The filler can be coated immediately after sanding.

If the timber that is filled is much darker than the filler, or if the surrounding timber has been stained, apply a little stain to the filled surface, using an artist's brush, to bring it to a similar colour before coating the whole surface. More permeable timbers will absorb stain to a greater extent than the filler, and two or three applications of stain to the filled area may be needed to achieve the desired result. **Always carry out a test application, especially when accurate colour matching is important.** It is essential to ensure that the colour match between the substrate and the filler is acceptable in terms of colour, density and workmanship before overcoating with clear or translucent finishing coats.

CLEANING EQUIPMENT

Remove/scrape off excess filler from spatulas and palette knives and clean with cellulose thinners.

STORAGE

The can of filler and the tube of hardener should always be resealed after use and stored tightly closed to prevent evaporation of the solvent entry of air. It should be noted that once opened the shelf life of the product is unpredictable. Store in cool, dry, frost-free conditions.

Relevant Standards

BS 6150: 1991 - Code of practice for painting of buildings

BS 8000 : Part 12 : 1989 - Workmanship on building sites.
Code of practice for decorative wallcoverings and painting

BS EN 927-1 : 1997 - Coating materials and coating systems for exterior wood Part 1: Classification and selection

Information on British Standards can be obtained from the British Standards Institute, tel: 0208 996 9001.

Safety, Health and Environment

Sadolin is a brand of **Akzo Nobel Specialist Coatings**, a division of **Akzo Nobel Decorative Coatings Limited**. It is the policy of **Akzo Nobel Specialist Coatings** to provide the highest standard of safety, health and environmental advice and information.

To this end, material safety data sheets covering every **Akzo Nobel Specialist Coatings** product are supplied to our customers and are freely available to users on request, by contacting us on the number given below.

Removal of lead paint. Determine whether the paint concerned contains lead. Remove all such coating materials in accordance with the appropriate legislation. A guide on "How to remove old lead paint safely" is available via the British Coatings Federation Ltd. (Tel. 01372 360660).

Removal of coatings (general). Treatments such as sanding and burning off, etc. of paint films may generate hazardous dust and/or fumes. Work in well ventilated areas. Use suitable personal (respiratory) protective equipment, as necessary.

The safety phrases on the containers and material safety data sheets should be read before using this product.

The information above is correct at the date of issue, October 2004.

For more information on Sadolin products, or to order samples and literature please call our Technical Advice Centre on 01480 496 868 or visit www.sadolin.co.uk

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