

Sadolin Woodfiller



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USES

A fast drying filler/stopper for use on softwoods or hardwoods. Suitable for timber in exterior and interior situations.

Has excellent adhesion to sound timber, is rapid drying and easily sanded. Ideal for small repairs such as nail/screw holes and minor surface defects. May be overcoated with woodstains, varnishes or opaque finishes.

Properties

COMPOSITION

Nitro-cellulose resin dispersed/dissolved in an organic solvent.

COATING SYSTEM

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 5mm.

For larger holes, **Woodfiller** should be built up in layers of no more than 5mm, or an alternative filler should be chosen, such as **Sadolin Stainable Woodfiller**.

DRYING/CURING TIME (@20°C/65%RH)

Workable : 2 minutes

Sandable : 30 minutes

Coatable : 30 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, drying periods will be extended.*

VOLUME SOLIDS

Approximately 99%

Colour Range

6 shades.

Natural, Light Oak, Teak, Dark Oak, Mahogany, Walnut.

Packaging/Can size

Woodfiller is available in 125ml 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.

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 using **Woodfiller**. Timber treated with **Sadolin Quick Drying Wood Preserver** can be repaired after 24 hours. When using **Sadolin Wood Preserver** allow 72 hours drying time.

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

Woodfiller forms a durable repair to all types of timber. 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, drying, visual quality and durability of the filler.

INITIAL PROCEDURE

Woodfiller is supplied ready for use. Any liquid on the surface should be thoroughly stirred in. Should the product have become dry or crusted over in the can, it can be made workable again by the careful addition of a few drops of cellulose thinners.

APPLYING THE PRODUCT

Always choose a colour of filler that is similar to the colour of the substrate (i.e. either that of the timber or of the stained timber that is to be filled).

The filler remains workable for up to 2 minutes at a temperature of 20°C. The material should be applied with a plastic or metal spatula, or a similar implement, and left slightly proud of the surface to allow for subsequent machining or sanding. Apply the filler carefully to ensure all air is displaced and good contact is made between the filler and the timber. Do not smear around the area of the fill as this will affect the absorbency of the timber and may result in a poor visual appearance when stained or varnished.

Do not apply to holes greater than 5mm. For larger repairs we recommend the use of **Sadolin Stainable Woodfiller**.

The filler can be sanded (and coated) after approximately 30 minutes. Carefully sand the filler flush to the timber surface using a medium grade abrasive paper. Remove all dust.

COATING THE FILLER

More permeable timbers will absorb woodstain to a greater extent and after coating may appear much darker than the filled areas. These areas may be matched to the surrounding timber by staining the filler carefully using an artist's brush. **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 should always be resealed after use and stored tightly closed to prevent evaporation of the product and entry of air. It should be noted that once opened the shelf life of the product is unpredictable. Storing the can upside down will help retain solvent and keep the filler in a workable condition. 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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