

GRANFINISH

Self-crosslinking Polyurethane Finish

DESCRIPTION:

GRANFINISH is waterbased, polyurethane floor finish, designed for professional contractors and specifiers looking for high performance and durability, combined with exceptionally fast curing times, essential in locations where 'downtime' is important. Granfinish is a crystal clear formulation, which helps retain natural wood colour, offering a much lighter appearance to the wood compared to most other water based finishes. Granfinish is ideal for use in retail, commercial, public use premises and areas subjected to very heavy traffic. Please note: Granfinish cannot be used in conjunction with any other Granwax finish, nor should it be applied to Granwood floors or other cement based surfaces.

PREPARATION:

It is important that operatives are conversant with all aspects of procedures prior to commencing work. If there are any doubts regarding preparation or recoating previously coated surfaces, please contact our technical department or your local representative for advice before commencing work. Please note that any grit grades mentioned in the procedure are offered as a guide only and operatives must ensure that the grit grades used are suitable for the particular project and that a sufficient 'key' is created to enable good adhesion of the finish at any stage of the procedure.

Ensure adequate ventilation on site at all times throughout the procedure. Failure to provide adequate ventilation will affect drying and hardening/curing of the product. Recommended site conditions are 20°C/50% R.H. Also ensure that the floor is clean, dry and free from contaminants.

For best results, floor should be sanded back to bare wood, finishing on fine grit sandpaper, eg: 100—120grit, in order to obtain a smooth surface. Any remaining lines to be removed with appropriate sandscreen disc or finishing sander. Filling of cracks or joints should be carried out prior to final sanding. Granwax Filler Resin or Woodwise fillers help make this process quick and easy.

Thoroughly remove dust and debris by vacuum and 'tack-rag' method.

PREVIOUSLY COATED OR FACTORY FINISHED FLOORS: Previously coated or factory finished floors which are to be recoated must be thoroughly cleaned and abraded to form a good 'key'. Any micro bevels must also be cleaned and abraded. For full preparation information, please refer to our procedure data sheet '*Prepare & Refinish Wood Floors*'. Please note: On these types of floors it is highly recommended that Granfinish is tested on an area prior to full use to ensure compatibility and adhesion.

RECLAIMED OR POTENTIALLY CONTAMINATED FLOORS: On refurbishment of floors potentially contaminated with traditional wax deposits, or reclaimed flooring with unknown history of previous applications, the floor should be fully sanded and initially treated with 1 coat of Granwax Barrier Seal, which must be left to dry for 1—2 hours before overcoating with Granfinish. It is important to note that the use of Granwax Barrier Seal will affect/enhance wood colour. Refer to product data sheet for full information.

Please contact our technical department, your Granwax representative or your product supplier if you have any questions regarding the preparation or application procedure.



- Single pack formulation—pre-crossed linked
- Crystal clear—maintains natural wood colour
- Exceptionally fast curing—100% cure after 16 hours
- Easy to apply. Excellent levelling and defoaming properties
- Superior durability for areas subjected to heavy use
- UV stable - will not easily yellow on exposure to sunlight
- Very low VOC
- Low odour
- Available in Gloss, Silk and Satin sheen levels

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Installation, Finishing & Maintenance Systems for wood and Sports Floors

APPLICATION:

Ensure site is properly ventilated and dust free. Product should not be applied in room temperatures below 10°C or above 30°C, and relative humidity must remain below 85% at all times otherwise the quality and performance of the product will be affected. If any doubt exists regarding site conditions or the procedure please contact our technical department or your Granwax representative before commencing work.

To ensure Granfinish is applied evenly, use either a traditional 'Granleda' Applicator and pad, a 'Granleda' Microfibre Roller or a 'Padco' T-Bar Coater with a blue foam sleeve. The size of the floor area, together with the time allowed for coating will determine the type of applicator to be used. For small or awkward areas, 'Padco' Trim Pads are recommended.

Shake container well and insert filter provided. Apply first coat evenly, taking great care to avoid creating puddles, ridges, overlap or 'rubbing in' marks, which will detract from the overall appearance. After the first coat of Granfinish is dry (approximately 1—2 hours at 20°C, 50% R.H.*) the floor may need to be abraded to remove any raised grain. The use of a rotary machine fitted with appropriate sandscreen disc or blue 'Magic Pad' (this choice will be dependent on the hardness of the product) will normally remove any raised grain and provide a satisfactory surface for further coats of finish to adhere successfully. Apply second and subsequent coats in same manner as first.

COATING & FINISHING SPECIFICATION:

New or sanded timber - light commercial traffic areas /domestic: 3 coats

New or sanded timber - medium/ heavy traffic areas: 4 coats

Overcoating previously coated floors: 2 coats

(Prior to full use, it is recommended that the product is tested thoroughly on previously coated floors to ensure compatibility and adhesion).

SHEEN LEVELS:

GLOSS (high gloss), SILK (semi gloss), SATIN (mid sheen)

TECHNICAL INFORMATION:

Coverage: 12—14m² per litre (60 -70m² per 5 litre). This coverage rate is offered as a guide only as surface porosity and type of application will affect coverage rates. Pack size is 5 litre container.

Drying time*: Approximately 1—2 hours (at 20°C/50% R.H.) Please note that poor ventilation, low temperature and/or high humidity will all extend or affect product drying and curing.

Curing time*: Approximately 16 hours (at 20°C/50% R.H.) after final coat of finish. Avoid covering the surface, e.g. plastic sheeting, rugs, etc., as this will affect the curing process. **NO CLEANING OR MAINTENANCE PROGRAMME SHOULD BE CARRIED OUT DURING THE DRYING OR CURING PROCESS.**

Storage: Avoid storing in extreme hot or cold temperatures. Ideally, store between 10°C and 30°C. Protect from frost.

Shelf life: Unopened container - 12 months from date of despatch. For best results, opened containers should be used immediately.

Maintenance: When fully cured (minimum 3 days) a maintenance programme can be implemented. Floor maintenance specifications are available on our website, or contact us, your Granwax representative or product supplier.

Health and Safety: For product health and safety information, please refer to our Material Safety Data Sheet.

* Please note that drying and curing times will be extended or reduced dependent on site conditions. In some circumstances this may affect the overall appearance if not properly addressed.

The information provided herein is correct to the best of our knowledge. No liability for any errors or omissions is accepted. Granwax Products Ltd can accept no responsibility or liability for any loss as a result of any person placing reliance on any information contained herein nor for any loss or damage arising from the use of this product if used in areas subjected to severe abrasion, i.e. broken glass or impact damage. Prospective users should therefore satisfy themselves by appropriate trials that the product is suitable for the intended purpose. This revision March 2013



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