

MASTERFINISH HEAVY DUTY

2-pack Polyurethane Finish



GRANWAX
Limited

Installation, Finishing & Maintenance Systems
for Wood and Sports Floors

DESCRIPTION

Granwax Masterfinish Heavy Duty is a fast curing, two component water based polyurethane finish, offering outstanding abrasion and chemical resistance, making it ideal for use on heavily used commercial areas. **Granwax Masterfinish Heavy Duty** is ideal for use on wood block, strip and parquet flooring in all locations subject to heavy wear. The fast drying and curing properties of **Granwax Masterfinish Heavy Duty** make it ideal for locations where minimum 'down-time' is of prime importance.



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. 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.

NEW INSTALLATIONS: 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 Granfill** filler helps make this process quick and easy. Thoroughly remove dust and debris by vacuum and tack-rag method. One coat of **Granwax Supreme Base** or **Granwax Binder Seal** may now be applied if required or preferred.

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 **Granwax Masterfinish Heavy Duty** 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** prior to overcoating with **Granwax Masterfinish Heavy Duty**. **Please note:** The use of **Granwax Barrier Seal** will affect wood colour. **Granwax Supreme Base** is not recommended for reclaimed or potentially contaminated wood flooring.

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



THE PRODUCT

- ✓ Available in a 2-pack container: 4.5 litre with 500 ml hardener
- ✓ Duro-elastic - gives excellent flexibility, helping to minimise risk of panellisation
- ✓ Easy to apply - 2 components mix together easily and quickly
- ✓ Ideal for use in commercial, retail and domestic premises
- ✓ Fast drying and curing times
- ✓ Extremely durable and scuff and scratch resistant
- ✓ Good surface adhesion
- ✓ UV stable - will not easily yellow on exposure to sunlight
- ✓ Very low VOC
- ✓ Available in Gloss, Silk, Satin, Matt and Ultra Matt sheen levels

PROUDLY MADE IN THE UK





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.

Granwax Supreme Base or Granwax Binder Seal may be applied if required. Please see the relevant product data sheets for application information.

To ensure Granwax Masterfinish Heavy Duty is applied evenly, use either a traditional Granwax Applicator and pad, a Granwax 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 a good quality brush should be used.

Important: Once mixed, containers of Granwax Masterfinish Heavy Duty cannot be used after 3 hours as this will affect the product performance.

Mix resin (Part A) and hardener (Part B), shake container well and allow to stand for approximately 1 minute. Insert filter provided. Apply first coat evenly, working with the grain of wood wherever possible and 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 Granwax Masterfinish Heavy Duty is dry (approximately 1-2 hours at 20°C, 50% R.H.) the floor may need to be abraded to remove any raised grain, however, an initial coat of Granwax Supreme Base or Granwax Binder Seal will reduce the risk of raised grain and add depth of colour. The use of a rotary machine fitted with appropriate sandscreen disc or 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, ensuring floor is sufficiently abraded with suitable grit grade between coats if necessary to form a key for successful adhesion.

When final coat has been applied, the surface should be allowed to cure for 12 hours (subject to site conditions) prior to commencement of light traffic. The product will continue to cure for approximately 72 hours.

COATING & FINISHING SPECIFICATION:

New or sanded timber - general traffic areas: 1 coat Granwax Supreme Base + 2 - 3 coats of Granwax Masterfinish Heavy Duty OR 3 - 4 coats Granwax Masterfinish Heavy Duty only.

New or sanded timber - heavy traffic areas: 1 coat Granwax Supreme Base + 3 - 4 coats of Granwax Masterfinish Heavy Duty OR 3 - 4 coats Granwax Masterfinish Heavy Duty only.

Overcoating previously coated floors: 2 coats of Granwax Masterfinish Heavy Duty.

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

SHEEN LEVELS



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TECHNICAL INFORMATION

COVERAGE

14m² per litre (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 (4.5 litre Resin + 500ml Hardener).

DRYING TIME

Approximately 1 hour (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

72 hours (at 20°C/50% R.H.*). Will take light traffic after 12 hours depending on temperature. 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 CURING PROCESS.**

STORAGE

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

SHELF LIFE

Please refer to 'Use by' date on top of container. For best results, opened containers should be used immediately.

MAINTENANCE

Floor should be left for a minimum of 5 days before a maintenance programme is implemented. Floor maintenance specifications are available on our website, or contact us, your Granwax representative or supplier.

HEALTH & 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.

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