

MASTERFINISH

DESCRIPTION: **MASTERFINISH** is a fast curing two component water based polyurethane finish designed specifically for all wood floors subject to heavy wear.

MASTERFINISH is ideal for use on wood block, strip and parquet flooring in schools, colleges, museums, shopping areas and all similar locations where floors are subject to heavy wear.

MASTERFINISH offers the following benefits to the user/specifier:

- **Duro-elastic** ~ ensures excellent abrasion resistance and wear characteristics whilst giving excellent flexibility, which helps to minimise the risk of panellisation.
- **Very low VOC**
- **Self-priming** ~ does not require separate primer
- **Fast drying** ~ approximately 1 – 2 hours (subject to site conditions)
- **UV Stable** ~ will not yellow on exposure to sunlight
- **Easy to apply** ~ 2 components mix together easily and quickly
- **Good surface adhesion** ~ can be used to overcoat most floor finishes
- **Excellent chemical resistance**
- **Available in Silk, Matt, Ultramatt, Sport (SILK) and Sport (MATT) finishes**
- **Both Sport finishes comply to BS7044 Part 4 (1991) under dry conditions**
- **Sport (MATT) finish conforms to BS EN 14904**

PREPARATION: **IMPORTANT:** Product should not be used in temperatures less than 10°C or where there is inadequate ventilation, the relative humidity must remain below 85% at all times.

Once mixed containers of Masterfinish cannot be used after 3 hours as this will affect the product performance.

For application of **MASTERFINISH SPORT** please see our '**MASTERFINISH SPORT APPLICATION GUIDE**' data sheet.

It is important that operatives are conversant with all procedures prior to commencing work.

Ensure adequate ventilation at all times throughout procedure.

Please note that grit grades are offered as a guide only and operatives must ensure that the grit grades are suitable for the particular job and that a sufficient 'key' is created to enable good adhesion of finish at any stage.

For best results, floors should sanded back to bare wood. Normally new or refurbished hard/soft wood floors should be final sanded with 120 grit sandpaper or 100grit sandscreen discs in order to obtain a smooth surface.

Filling of cracks or joints should be carried out prior to final sanding. **Woodwise Fillers** are recommended for this purpose.

All dust and debris should then be removed by vacuum and 'tack-rag' method.

Please note: On refurbishment of floors potentially contaminated with traditional wax deposits, or reclaimed flooring with unknown history of previous applications, the sanded surface should be initially treated with 1 or 2 coats of **Granwax Barrier Seal** prior to overcoating with **Masterfinish**. The use of Barrier Seal will affect wood colour. Please contact our office, your representative or supplier for advice.

Previously finished or factory finished floors which are to be recoated should be thoroughly cleaned and suitably abraded to form a good 'key'. Micro bevels must also be cleaned and abraded. Make dust free by vacuuming and 'tack-rag' method. Please note: It is recommended that trials are undertaken to determine the suitability of this finish on previously finished surfaces.

APPLICATION:

Ensure the floor is clean, dry and free from contaminants. (If any doubts exist with regard to previously coated surfaces, please contact our Technical Department on 01773 541177 or email info@granwax.com).

New floors should be final sanded using a suitable sandpaper or sandscreen disc (normal conditions 100-150grit) to ensure a smooth surface. Remove **all** fine dust and contaminants prior to application.

Mix resin and hardener, shake well and allow to stand for approximately 1 minute prior to application. Apply **Masterfinish** evenly using **Granleda Applicator or Padco Floor Coater**, taking care to avoid puddles or ridges, which will detract from the overall appearance. It is suggested that a fresh applicator pad is used for each application of finish to avoid transference of partially cured material.

When 1st coat is dry (approx. 1 – 2 hours) apply subsequent coats or, if necessary remove raised grain using 150grit sandscreen disc and rotary buffing machine. This process should be carried out when thoroughly dry to avoid damage to the finish. When complete, remove all fine dust prior to application of further coats.

PLEASE NOTE: Masterfinish is designed to cure quickly and if left longer than the recommended drying time between coats, it will be necessary to abrade the surface to ensure good inter-coat adhesion. Dependent on time scale and site conditions, the abrasion required will be a minimum 150grit sandscreen disc, as time goes on 100-120grit will be necessary with 60 grit needed after 24 hours.

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 72 hours.

TECHNICAL INFORMATION:

Drying time: Approximately 1 – 2 hours at 20°C Room Temp/50% R.H.*

Curing time: 72 hours at 20°C/50% R.H.* (Will take light traffic after 12 hours dependant on temperature). Extreme care should be taken to avoid covering the surface, e.g. plastic sheeting, rugs, etc., as this will damage the curing process.

Coverage: For best results coverage should be 14m² per 1 litre. (70m per 5 litres) This coverage rate is offered as a guide only as surface porosity will vary.

Sheen level: SILK (*mid sheen*) MATT (*low sheen*) ULTRAMATT (*flat matt*)
SPORT (*mid sheen*)

Finishing spec: Overcoating existing floors ** = 2 coats
Overcoating sports floors** = 2 coats
Sanded sports floors = 3 – 4 coats
Heavy commercial areas = 4 coats

Pack size: 4.5 litre resin bottle + hardener (total 5 litres)

Pot life: Approximately 3 hours when mixed.
DO NOT USE AFTER THIS PERIOD

Shelf life:	Unopened containers approximately 1 year from date of manufacture.
Storage & Handling:	Store in cool dry place in temperatures above 10°C and below 40°C. Protect from frost. DO NOT SPLIT CONTAINERS AS EXPOSURE TO AIR WILL DAMAGE HARDENER.
Health & Safety:	For product health and safety information, please refer to our Material Safety Data Sheet.
Maintenance:	When cured, the surface should be treated in accordance with our care and maintenance instructions, available upon request. Alternatively contact your local representative or supplier for advice.

** Please note that drying and curing times may be extended or reduced dependent on site conditions. Poor ventilation, low temperatures and high humidity will all affect product drying and curing times. This may, in some circumstances, affect the overall appearance if not properly addressed.*

*** Trial thoroughly before use to ensure compatibility and adhesion.*

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Granwax cannot accept any liability 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 to be used is suitable for the intended purpose.

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