

MASTERFINISH SPORT

2-pack Pack Polyurethane Sports Floor Finish

DESCRIPTION:

MASTERFINISH SPORT is a fast curing, two component water based polyurethane finish, especially developed for use on all wood sports floors subjected to heavy wear. Available in Silk (mid-sheen) and Matt (low sheen), Masterfinish Sport is specifically designed to achieve the correct levels of traction required on surfaces used for sporting activities, meeting British Standard requirements. The Matt version also meets British Standard for Specular Gloss and Specular Reflectance for lacquered surfaces. It also offers outstanding abrasion and chemical resistance and can be used on both new and refurbished floors. The fast drying and curing properties of Masterfinish Sport 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 Granwax 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 sanding lines should 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. To enhance wood colour, one coat of Granwax GP Base can be applied if required. Please refer to the product data sheet or contact our technical department for further information.

PREVIOUSLY COATED FLOORS: Previously coated 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 Sports Floors*'. Please note: On these types of floors it is highly recommended that Masterfinish Sport is tested on an area prior to full use to ensure compatibility and adhesion.

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



- SILK finish (mid sheen level). Meets BS 7044:Part 4 (under dry conditions)
- MATT finish (low sheen level). Meets BS EN 14904 for Slip Resistance, Specular Gloss & Specular Reflectance (for lacquered surfaces)
- Duro-elastic - gives excellent flexibility, helping to minimise risk of panellisation
- Easy to apply - 2 components mix together easily and quickly
- Fast drying and curing times
- Extremely durable and scuff & scratch resistant
- Good surface adhesion
- UV stable - will not easily yellow on exposure to sunlight

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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.

On new or sanded wood floors, an initial coat of Granwax GP Base may be applied to enhance wood colour if required. Please see 'Coating & Finishing Specification' guide below and the relevant product data sheets for application information.

To ensure Masterfinish Sport 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, or alternatively a good quality brush can be used.

Important: Once mixed, containers of Masterfinish Sport 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 Masterfinish Sport 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 GP Base will reduce the risk of raised grain and add depth of colour. 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.

NO PAINTED GAMES LINES: Apply second and subsequent coats of Masterfinish Sport 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.

PAINTED GAMES LINES: Granwax Granpaint or G-Line Paint should be used for games line markings. Please refer to the relevant product data sheets for full application information. Under normal specification, the floor should receive one coat of Masterfinish Sport prior to painting lines, however two initial coats are recommended for heavy usage. Apply games lines after the coat of Masterfinish Sport is dry. A further two coats of Masterfinish Sport are recommended over the painted games lines.

When final coat of Masterfinish Sport 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.

SHEEN LEVELS: SILK (Semi-gloss) MATT (Low-Sheen)

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. (4.5litre 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/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:** Unopened container - 12 months from date of despatch. 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 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 April 2013



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