

CLEARSAFE

DESCRIPTION: **CLEARSAFE** is a fast curing 2-component water based polyurethane finish, designed specifically as a top-coat for all interior wood floors subject to liquid ingress, e.g. rainwater, alcohol, liquid and foodstuff spillages, etc.

CLEARSAFE is ideal for use on wood strip, block, parquet, mosaic flooring, in bars, public houses, restaurants, retail outlets, stair treads, etc. and all similar locations where floors are subjected to heavy wear and where maximum traction is of the uppermost importance.

Please note: Clearsafe is not recommended for sport or gymnasium floors.

CLEARSAFE offers the following benefits to the user/specifier:

- Complies to H.S.E. anti-slip requirements for wet conditions (independently tested)
- Clear formulation. Does not significantly change the appearance or colour of the floor
- Fast drying. Approximately 1 – 2 hours (dependent on site conditions)
- U.V. stable – will not yellow on exposure to sunlight
- Easy to apply – use of rollers for application is recommended
- Good surface adhesion. Can be used to overcoat most floor finishes
- Excellent chemical resistance
- Available in Ultra Matt (7% sheen level)

SUGGESTED SPECIFICATION FOR NEW OR REFURBISHED TIMBER FLOORS:

Clearsafe is designed to be an anti-slip top coating, therefore, to ensure maximum durability, our product **Masterfinish** should be applied as a base. Normally two coats of Masterfinish would be sufficient, however, on particularly porous or opened grained timber, three coats may be considered appropriate. Masterfinish is suggested for the base coat as it is a two-component polyurethane finish and, once dry, is easily overcoated with Clearsafe, thereby reducing the time required for the coating procedure to be carried out.

Clearsafe is also compatible with other finishes from the Granwax range and can be used as a top coat with these finishes. Please note that if any other finish than Masterfinish is used as a base coat, it should be allowed time to cure and then be abraded to form a 'key' prior to the application of Clearsafe. This will obviously extend the time of the coating operation.

Please refer to the appropriate base product data sheet for application information.

SUGGESTED SPECIFICATION FOR EXISTING COATED TIMBER FLOORS

Wherever possible, Granwax recommends that floors are machine sanded back to a bare surface. However, Clearsafe can be successfully applied to previously coated or factory finished lacquered timber surfaces.

To ensure successful adhesion of Clearsafe, surface must be initially cleaned to remove all polish, dirt or any other contaminant. The sealed surface must then be sufficiently and uniformly abraded to form a physical 'key' to enable the Clearsafe to adhere.

To also ensure a uniform appearance, Clearsafe should not be applied to a patchy, worn surface.

VINYL SURFACES**

Clearsafe has been successfully used on certain types of vinyl, however, we strongly recommend that a test area is prepared and coated with Clearsafe prior to extended use. It is the end user/contractors responsibility to ensure the compatibility and adhesion of the product with the vinyl surface.

Please note: If any doubt exists with regard to the preparation and coating of new, refurbished, existing or vinyl floors, please contact us (01773 541177), your product supplier/distributor or your local Granwax representative for advice. Granwax or your distributor would be willing to supply small samples for test purposes.

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 Clearsafe cannot be used after 3 hours as this will affect the product performance.

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.

Remove lid of container. Product will have separated (this is normal) and must be mixed thoroughly. Once the compacted material in the base of bucket has been broken up, use a paddle mixer on a drill to mix material thoroughly. Add contents of HARDENER bottle at this stage and again mix thoroughly. Allow product to stand for approximately one minute and then begin application.

APPLICATION:

Apply Clearsafe evenly onto surface using a **Granwax Microfibre Roller**. Granwax Granleda Applicators and Padco Coaters are considered unsuitable to apply this product. Take care to avoid ridges or puddles, which will detract from the overall appearance.

If more than one coat of Clearsafe is necessary, it is suggested that a fresh roller sleeve is used to avoid transference of the partially cured material.

Please note that Clearsafe is designed to cure quickly, therefore, if a second coat is to be applied, this should be done as soon as the surface is dry enough to walk on.

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 12m ² per 1 litre. (60m per 5 litres) This coverage rate is offered as a guide only as surface porosity will vary.
Sheen level:	<i>ULTRAMATT (flat matt) 7% sheen level</i>
Pack size:	4.5 litre resin bucket + 0.5 litre 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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