

TECHNICAL DATA SHEET

12702 SAFETY FINISH AQUA 2K PU ANTI-SLIP FINISH

- Complies to H.S.E. anti-slip requirements for wet conditions (independently tested)
- Easy to apply – 2 components mix easily and quickly
- Fast drying and curing times with good surface adhesion
- Extremely durable with excellent scuff & scratch resistance
- UV stable – will not easily yellow on exposure to sunlight
- Very low VOC
- Available in Matt sheen only

DESCRIPTON: 12702 Safety Finish is a fast curing 2-component water based polyurethane finish, designed as a top-coat for all interior wood floors, to help minimise the slip potential on floors which are particularly subjected to liquid ingress through foot traffic and spillages. The clear formulation will not significantly change the appearance or colour of the floor. Provides a Matt finish (approximately 7% sheen level).

Safety Finish is ideal for use on wood strip, block, parquet and mosaic flooring in locations that are subjected to heavy wear and where maximum traction is of the utmost importance, such as public houses, bars and restaurants, public buildings and retail premises, stair treads, etc. Safety Finish cannot be used on floors which are used for sporting activities.

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 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.

NEW INSTALLATIONS: Safety Finish is designed to be an anti-slip top coat, therefore, to ensure maximum durability, **Master-Floor** is recommended to be applied as the base coat. Master-Floor is also a 2-component water based polyurethane wood floor finish and, once dry (1-2 hours), is easily over coated with Safety Finish. Normally two coats of Master-Floor would be sufficient, however, on particularly porous or opened grained timber, three coats may be considered appropriate.

PREVIOUSLY COATED OR FACTORY FINISHED FLOORS: Wherever possible, it is recommended that floors are machine sanded back to a bare surface. However, Safety Finish can be successfully applied to previously coated or factory finished floors after they have been cleaned and abraded.

To ensure successful adhesion the sealed surface must be thoroughly cleaned to remove dirt, polish or any other contaminant. The surface must then be sufficiently and uniformly abraded to form a 'key' to enable the Safety Finish to adhere correctly. To also ensure a uniform appearance, Safety Finish should not be applied to a patchy, worn surface.

VINYL SURFACES: Safety Finish has been used successfully on certain types of vinyl, however, we strongly recommend that a test area is carried out prior to extended use. It is the contractors/end user's responsibility to ensure the compatibility and adhesion of the product on the vinyl surface.

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APPLICATION:

Ensure site is always properly ventilated and dust free during product application. Product should not be applied in room temperatures below 10°C or above 30°C, and relative humidity must always remain below 85%, otherwise the quality and performance of the product will be affected.

Important: Once mixed, containers of Safety Finish cannot be used after 3 hours as this will affect the product performance.

Mixing instructions: It is essential that the mixing procedure is carried out thoroughly.

Failure to do so will drastically reduce the performance of the product once applied.

Safety Finish consists of a resin base PART A and hardener component PART B. Shake resin bottle (Part A) Add all the contents of hardener bottle to the resin bottle. Replace cap and shake the bottle well to thoroughly mix the components. Once mixed, if the container contents are allowed to stand for any length of time during use, shake the container again thoroughly before use.

Apply evenly using a **Microfibre Roller**. 'Padco' Coaters are not suitable for applying this product. Take care to avoid ridges or puddles, which will detract from the overall appearance.

One coat should be sufficient, but a maximum of two coats can be applied. As the product is designed to cure quickly, if a second coat is to be applied this should be done as soon as the surface is dry enough to walk on. If more than one coat is necessary, it is suggested that a fresh roller sleeve is used to avoid transference of the partially cured material.

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

TECHNICAL INFORMATION:

Sheen level: Matt (approx. 7% sheen level)

Coverage: 12m²/lt approx. This coverage rate is offered as a guide only as surface porosity and type of application will affect coverage rates. Pack size is 2.5 litre container (2.25litre resin + 0.25litre hardener)

Specification: Maximum of 2 coats (Normally 1 coat is sufficient).

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: 72 hours (at 20°C/50% R.H.*) Do not cover the surface, e.g. mats, sheeting, during the curing process

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

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

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

Maintenance / Cleaning: Wet mop small areas and agitate using a polypropylene type brush to remove dirt, an alkaline based cleaner can be used on stubborn areas. Wet vac the area to ensure all dirt particles are removed and the area is dry. Standing water should not be left to dry naturally.

* 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.