

Product Data Sheet

652-(1)-04/14



Makers of Fine Paint Since 1962

ISSUED: 24 April 2014

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652 Floor-Tuff

USE

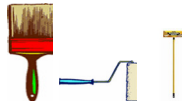


THINNER/CLEAN



XT-120
Thinners

APPLICATION



RE-COAT



4 - 6 Hrs

HAZARD



652 Floor-Tuff is a single-pack urethane prepolymer which cures (dries) by reaction with the ambient moisture present in the atmosphere. 652 Floor-Tuff possesses properties previously available only in catalysed systems. Its abrasion resistance is superior to many two-pack floor coating systems.

USES: 652 Floor-Tuff is resistant to most chemicals and solvents. On dry surfaces 652 Floor-Tuff is slip resistant. For wet areas Spescoat Add-Grip may be added to provide a textured finish. 652 Floor-Tuff is for interior use only and is supplied ready for use, on timber, MDF, and concrete floors. Also suitable for use on timber benches, tables and bar tops, as its high degree of flexibility resists chipping or scratching.

GLOSS LEVEL: 652 Floor-Tuff is supplied standard as a gloss finish. For a semi-gloss finish Spescoat Flattening Medium may be added at a rate of 400 grams per 4 litre of 652 Floor-Tuff. Add sufficient flattening medium for each coat just before application, as pot life of 652 Floor-Tuff is extremely limited once mixed. **NOTE:** 652 Floor-Tuff is slightly less durable in its semi-gloss form. Avoid using solvent based cleaners when maintaining 652 Floor-Tuff Semi Gloss.

NUMBER OF COATS: Three coats are recommended. The first coat as clear thinned 30% with Spescoat XT-120 Thinners, followed by 2 coats with the colour added.

COLOUR: 652 Floor-Tuff is available in over 4000 standard colours and is supplied as a base with the colour medium in a separate container. Mix the colour just before use. Once mixed, 652 Floor-Tuff has a pot life of 8 hours. Only colour sufficient material for each coat. When adding the colour to the 652 Floor-Tuff mix thoroughly with a wide flat bladed stirrer or "potato masher" type mixer. Failure to properly mix in the colour medium may result in uneven or blotchy colour and curing problems.

PATTERNED FINISH: 652 Floor-Tuff can be applied as a two-toned stippled or ragged affect. It can also be applied as semi-transparent colours in single or multiple coats. It is advisable when applying as a patterned coating to apply a final clear coat to protect the pattern from wearing through in high traffic areas.

SURFACE PREPARATION:

OLD TIMBER, PARTICLE BOARD AND MDF SURFACES: Remove oil, grease, lint, wax, dirt, and dust etc. by washing and scrubbing (where required) with 684 Super Wash (formerly Floor Clean). After rinsing, allow surface to dry thoroughly for 2-3 days. For best results, any floor that has previously been coated where the type of coating is not known, should be sanded back to the original surface, and then treated as a new floor. Alternatively, 652 Floor-Tuff can be tried on a test patch (2 coats) after sanding. 652 Floor-Tuff is not recommended over wax or silicone polishes.

NEW TIMBER, PARTICLE BOARD AND MDF SURFACES: Sand to a smooth finish. Remove all dust, lint and other loose surface particles by vacuuming. Remove residual dust by Tac-Rag or by wiping with a lint free cloth moistened with 674 XT-120 Thinners. Ensure surface is thoroughly dry.

FLOORS PREVIOUSLY COATED WITH FLOOR-TUFF: Floors previously coated with 652 Floor-Tuff may be re-coated after thoroughly washing with 684 Super Wash (formerly Floor Clean) followed by sanding to a dull finish with 220 grit Dri Lube sandpaper. Apply one or two coats of 652 Floor-Tuff.

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.



Quality
ISO 9001

SAI GLOBAL



652 Floor-Tuff

CONCRETE FLOORS: New concrete floors must be left to cure for 4-6 weeks before coating. The concrete must be thoroughly clean and oil free. Then mix 5L Hydrochloric Acid into 10L water. Scrub onto surface with a 'deck scrub' scrubbing brush or stiff acid resistant broom and rinse off with clean water. Do not allow acid to dry on the surface before rinsing. When acid etching concrete Ensure you are wearing the correct protective clothing, Rubber Boots, Rubber Gloves and goggles. It is also a good idea to be wearing a long sleeved shirt and trousers. Apply solution of Forminex Acid Neutraliser (1kg into 10L fresh water) to floor with a 'deck scrub' scrubbing brush or stiff broom and rinse. Allow to dry min. 2-3 days.

APPLICATION: Apply only when surface and air temperature are between 10-30°C. Use a brush for cutting in edges and a 6mm Mohair roller with extension pole (or, if preferred, a lambs wool applicator), for broad areas. **CAUTION** heavy film builds or puddles may result in bubbles on curing. Only apply in thin films (see below for spreading rate). **DO NOT POUR FLOOR-TUFF DIRECTLY ONTO FLOOR.** **NOTE :** Each coat needs to be cut in.

DRYING TIME: Drying time will depend on temperature and atmospheric moisture. The following figures are for 25°C an 50% humidity. Touch dry in 1 - 2 hrs. 652 Floor-Tuff is re-coatable after 4 - 6 hours (see below). The surface may be walked on after 4 - 6 hours. Maximum hardness reached in approx. 3 - 4 days at 25°C. Lower temperatures will prolong cure times. **NOTE:** Below 10°C curing time may be dramatically extended. We do not recommend application at temperatures below 10°C or if the surface temperature will remain below 10°C during the curing period. If low temperatures are unavoidable then heating must be used. Application at temperatures over 30°C is also not recommended.

RECOATING TIMES: 652 Floor-Tuff can usually be recoated after 4-6 hours. To maximise inter-coat adhesion the second (coloured) coat should be applied once the first (clear) coat is tack free but not fully hard. If the floor is recoated within 24 hours it is not necessary to sand between coats **unless the previous coat has not dried to a smooth, dust free finish.** If more than 24 hours has elapsed between coats, the surface should be sanded with 220 Dri Lube sandpaper, & all sanding dust thoroughly removed by vacuuming. **HINT:** A final wipe with a clean, lint free cloth moistened with XT-120 Thinners will aid dust removal. The third coat should be applied 12-24 hours after the 2nd coat. **NOTE:** We do not recommend applying 3 coats within 1 day as solvent entrapment blisters may occur.

THINNING: The first coat only, should be thinned, using 674 XT-120 Thinners.

CLEAN UP: Clean equipment with 674 XT-120 Thinners. Between coats, brushes, rollers and trays should be scraped of excess 652 Floor-Tuff and the rollers and brushes stored in 674 XT-120 Thinners. Shake out excess thinners before using for next coat. Brushes and rollers are very difficult to clean satisfactorily and are generally discarded at completion of the job. Do not clean hands with solvents, use suitable hand cleaner.

COVERAGE: 8 - 12 m²/litre depending on porosity of surface.

PACKAGING: Available in 1L, 4L, 20L cans.

SPECIAL NOTES : This product dries by absorbing atmospheric moisture. Do not leave the lid off the can. Do not use the 652 Floor-Tuff can as a paint pot. Pour as much product as you need for immediate use, into a paint tray or another clean dry container and reseal the can. Do not return any unused material to original container. Opened cans have limited storage life. Use only new rollers, trays and brushes as the strong solvent in 652 Floor-Tuff will pull dried paint from previously used tools which may react with or discolour the 652 Floor-Tuff.

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PRECAUTIONS:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Topline Paint and one will be provided.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion.

Hazard: The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.

