

PAINTSMITHS
TREAD

GUNSTONE

PRODUCT DESCRIPTION

Tread Gunstone is an environmentally friendly, trowel-on resin-based floor coating which dries to a subtle, evenly shaded, durable finish. The product conforms to GBCSA environmental requirements and EU 2010 targets.

COLOUR RANGE

Available in 6 colours: White, Tumbled Glass, Spit & Polish Top Stone, Buffed Rock, Mirror Stone and Mystic Felt.

RECOMMENDED USES

INTERIOR surfaces only.

The system is suitable for application directly onto correctly prepared concrete and wood floated cement screeds.

Tread Gunstone is a complex, specialist product that requires application by trained applicators. Please ask your local Paintsmiths consultant for a suitable applicator.

NOT RECOMMENDED FOR

Not suitable for external use.

Do not apply directly onto tiled floors, on shower floors or any wet areas, or previously painted or epoxy floors.

TOOLS REQUIRED FOR APPLICATION

- Masking tape to protect skirtings and walls against splashing of Tread Gunstone
- Mixing attachment for conventional variable-speed drill (Tread Gunstone should only be agitated by mechanical means)
- A steel plastering trowel
- 225mm Polypile roller
- 50mm Utility bush
- Clean 20 litre mixing bucket
- An industrial vacuum cleaner
- Electrical drill and mixing attachment
- Extra clean 5 litre bucket
- 25 litre bucket half filled with water
- 2mm foam draft sealer tape for edges
- Knee pads for applications
- Scrapers for scraping out products from buckets

Use only CLEAN TOOLS – dirty tools will contaminate the finished product.

PREPARATION

PLEASE NOTE: Correct preparation is essential. All surfaces must be sound, free of friable materials, free of latence and prepared in the recommended manner. All surfaces must be dry before application and should not exceed a moisture content of 10%, as measured with an approved moisture meter. Check that inward opening doors have enough ground clearance. If not, remove.

It is advisable to acid etch the floor surface before applying Penetrating primer, as a very dry porous screed will suck the product away leaving a patchy appearance.

APPLICATION

It is recommended that this product be applied by a skilled applicator.

PRIMING

Apply 1 coat Penetrating Primer to prepared topping screed using a 225mm Polypile roller at a spread rate of +- 8 m²/litre per coat. Ensure total coverage of surface. Allow to dry for 6 hours.

LAYING THE GUNSTONE

Apply the first scraper coat of Tread Gunstone using a steel trowel at +/- 10m² per kit (+/- 2m² per kg).

Always work the product towards you and not away from you as this will cause trowel marks.

The more trowel marks / ridges you leave the more movement the floor will have.

IMPORTANT: This is a continuous process; do not stop during the application. Ensure a continuous flow of we product. Stoppages will leave dry lines.

Allow to cure before applying a second coat of Tread Gunstone at 20m² per kit (+/- 4m² per kg)

A third coat may be necessary depending on the finish required, eg. less coats for an aggressive movement and more coats for a subtle movement. (The type of finish required by the client must be established prior to the application.)

SEALING

IMPORTANT: Only walk on the finished off surfaces with clean, plastic-covered bare feet. Temperature and moisture will affect drying times. Do not seal if the Tread Gunstone is still wet or moist. The floor must be dry, with the moisture content less than 10%. Temperature should be a minimum of 15°C.

Before sealing, lightly sand any slight imperfections or marks and ridges from the trowelling with 100 grit sandpaper and vacuum thoroughly.

Apply 2 coats of Solvent based Twin pack Acirthane, Satin or Gloss sealer.

In high traffic areas, retail environments, kitchens, offices etc., 3 coats of your chosen sealer are recommended.

Please refer to the relevant product data sheets for more detailed information on application.

DISPOSAL - BE MINDFUL OF THE ENVIRONMENT AT ALL TIMES

Residual paint, wash water and empty container will contaminate out environment and ground water and must be disposed of responsibly through an approved recycling scheme or your local Waste Management Company/Council. Wash water and left over paint must never be emptied into storm water drains or directly onto the ground. Leave empty paint containers open in a well-ventilated area till residual material has dried before disposing. Collect any spills with a suitable absorbent material and dispose of residue responsibly.

DISCLAIMER

As the application and surface to which the product is to be applied is beyond our control, Paintsmiths cannot be held liable for any loss or damage. The information above is intended as a guide only and Paintsmiths reserves the right to change the specifications without notice.

GUNSTONE

IMPORTANT INFORMATION ON HOW TO PREVENT PROBLEMS

All sales of this product / system must be recorded to include the name of the applicator, contract name and address and size of area and submitted to the factory.

IMPORTANT: The strength of the concrete surfaces or floor screeds to receive Tread Gunstone must be a minimum of 25Mpa.

REMEMBER: Tread Gunstone is to be laid at the end of any new contract / renovations to minimize the amount of the traffic (contractors) working on the newly laid floor.

The sealers applied to the Tread Gunstone takes 7 days for full cure, and there should only be light traffic after 3 days.

Ensure that you plan the Tread Gunstone application to be able to be completed in one continuous process. Always keep a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. Work from corner to corner, or from a natural cut off point to another. For the same reason, do not attempt to patch this coating.

A minimum crew of four people is required to lay Tread Gunstone: 2 people to mix the product and 2 applicators to apply the product.

Be aware, grout lines, v-joints and any other deviations may show through from the original screed.

Any standard building defects (holes, slight damage to topping screed etc.) should be filled with a scraper coat of Floor Repair. This repair work should be done the day before applying Tread Gunstone so that any sagging takes place prior to the application of the final screed coating.

Remove any bumps in the floor with a carborandum block or bolster.

It is imperative that an industrial vacuum cleaner be used to remove any grit prior to the application of Tread Gunstone.

The 1 – 2mm Tread Gunstone trowel-on coating will only fill minor imperfections.

Note: this is a one step application. Tread Gunstone should not be re-worked or polished.

Allow the floor to dry for a minimum of 24 hours and then follow the procedure for sealing.

Tread Gunstone can be used as a scraper coat, either as a final finished or as a preparation coat for roll-on acrythanes. This will result in the screed colour to show through the Tread Gunstone giving a mottled finish.

For a standard size floor, allow 7 working days from start to finish.

Important: Seal the Tread Gunstone within 48 hours to avoid delamination. Dust and any form of contamination (e.g grease, paint, cretstone) will cause adhesion failures.

Buckets left directly on the floor will leave round marks.

Tread Gunstone cannot be patched as any repair work will be visible.

Any splashes on walls or skirtings during application must be removed immediately.

It should be stored in a cool, dry place. The entire required quantity should be ordered at the same time to alleviate the possibility of a colour variance. Specify on the order that the batch number of colours must be the same for each job to ensure colour consistency. **IMPORTANT:** Batch colours do vary.

It is advisable to protect a Tread Gunstone floor from paint loads and sharp edges. Stoppers or felt should therefore be fitted under chair, desk and cupboard legs. Soft wheels or rubber castors should be fitted to roller chairs instead of hard plastic or metal castors. Make sure you have enough product on site for the complete job.

Ensure product is from same batch as there could be colour differences.

Ensure that the product has not reached its expiry date – the product might not perform to spec if it is “old”.

Do not leave the product in direct sunlight as it may cause discoloration.

Used the correct mixing tools (The Fresco Drill).

Only used CLEAN TOOLS – dirty tools will spoil the finished product.

Make sure there is enough clean and fresh water to clean the tools. Contaminated water can cause flash-offs or change in colour in the product.

Use a drop sheet, if the product gets on to porous surfaces, it will stain the surface permanently.

SPREAD RATES AT A GLANCE

Primer: Penetrating Primer +/- 8m²/litre per coat (1 coat application)

Coating: Tread Gunstone +/- 15m² per coat or +/- 3m²/kg per coat (2 or 3 coat application depending on substrate and finish required.

Sealers: Solvent based Twin Pack Acrithane, Satin or Gloss: +/- 10m²

NOTE: The spread rates quoted are approximate and should only be used as a guide as the actual rate will vary depending on the condition and porosity of the substrate.

OVERCOATING TIMES AT A GLANCE

Primer: Penetrating Primer : 6 hours (no longer than 48 hours)

Coating: Tread Gunstone 12-16 hours

Sealers: Solvent based Twin Pack Acrithane, satin or gloss: 8 hours

NOTE: It is very important that over coating times, as set out for the various products, are adhered to and also that the prevailing weather conditions are taken into account. Ambient and substrate temperatures, humidity and wind etc can influence drying times of all coatings. Performance problems can occur if any of the previous coats have not been allowed to dry properly before being overcoated.

IMPORTANT: To prevent surface contamination, coating must not be left longer than 48 hours between coats. If environmental or weather conditions have caused surface contamination, all surfaces must be thoroughly wiped down before applying the next coating.

CLEANERS/SOLVENTS AT A GLANCE

Primer: Penetrating Primer: Epoxy thinners or water-soluble brush cleaner

Coating: Tread Gunstone: water or water soluble brush cleaner

Sealers: Solvent-based Twin Pack Acrithane, satin or glass: Acrithane Solvent or water soluble brush cleaner.

DISPOSAL - BE MINDFUL OF THE ENVIRONMENT AT ALL TIMES

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