



SPARCO PAINTS (S) PTE LTD

PRODUCT DATA SHEET

Flooring Systems

EcoTough Floor Primer

Single-Component Water-Based Acrylic Primer

An eco-friendly, water-based acrylic primer, sealer and bonding agent for the EcoTough Floor system, with low VOC and low odour.

EcoTough Floor Primer is a single-component, water-based acrylic primer, sealer and bonding agent applied prior to EcoTough Floor Topcoat. It penetrates and seals smooth concrete and mineral substrates to promote adhesion. The primer can be broadcast with filler for a subsequent anti-slip topcoat finish.

Ready to Use:

Supplied in ready-to-use packaging for ease of application, with no additions or omissions required.

Environmentally Friendly:

Low volatile organic content (VOC) and low odour for safer handling on interior projects.

Bonding & Sealing:

Acts as a sealer and bonding agent on smooth concrete and mineral substrates prior to topcoat application.

Anti-Slip Ready:

Can be broadcast with recycled glass filler to prepare an anti-slip finish under the EcoTough Floor Topcoat.

FIELDS OF APPLICATION

- ▶ Priming smooth concrete
- ▶ Mineral substrates
- ▶ Bonding agent for topcoat
- ▶ Anti-slip system base coat

System Design



Primer EcoTough Floor Primer

Substrate

Technical Profile*

COLOUR

Milky

SOLIDS

@ 25°C 15 – 18%

DENSITY

@ 25°C 1.0 – 1.02 g/cm³

SURFACE DRY TIME

@ 28°C 1 hour

COVERAGE

depending on substrate 5 – 10 m²/L

SKID RESISTANCE

minimum 70 SRV

TABER ABRASION

minimum 0.74

QUV WEATHERING

at 60° 1000 hours

ADHESION STRENGTH

pre-treated substrate, minimum 1.3 N/mm²

SHELF LIFE

unopened 1 year

* Typical properties of unmixed material at 25°C. Values may vary with site conditions, substrate and application method.

Milky when wet, dries clear on the substrate

Applied appearance may differ from samples shown on screen or in print. Contact Sparco Paints for the full colour chart and physical samples.



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ECOTOUGH FLOOR PRIMER

Single-Component Water-Based Acrylic Primer

Model Specification

System	EcoTough Floor Primer
Type	Single-component water-based acrylic primer
Build-up	1 coat primer, then EcoTough Floor Topcoat
Manufacturer	Sparco Paints

Preparatory work and application in accordance with manufacturer's instructions.

Surface Preparation

New concrete or cementitious substrates should be at least 28 days old with moisture content below 5%. All laitance and loose materials must be removed. Cracked, damaged or heavily laitanced concrete should be grit blasted, scabbed or mechanically ground until a solid surface with exposed aggregate is reached. On existing surfaces, remove all laitance, loose particles, dust and contaminants to expose a clean, sound substrate; mechanical preparation followed by industrial vacuuming is preferred. Wash oil, grease and fat contamination with industrial detergent. Allow to dry until surface relative humidity falls to 75% or less, measured to BS 8201:1987 Appendix A.

Packaging

Product	Pack Size
EcoTough Floor Primer	20 L plastic pail

Warranty

LIMITED WARRANTY: Sparco Paints (S) Pte Ltd warrants that, at the time and place of shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. As Sparco Paints (S) Pte Ltd has no control over the use to which others may put its products, it is recommended that products be tested to determine suitability for specific applications. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of the product for its specific application and assume all responsibility in connection therewith.

Application Guidelines

Parameter	Value
Number of components	Single component
Surface dry @ 28°C	1 hour
Coverage	5 – 10 m ² /L
Min. substrate temperature	5°C
Min. mixing temperature	10°C
Min. curing temperature	5°C

IMPORTANT

Substrate must be at least 28 days old with moisture below 5%. As with all water-based products, the floor dew point should not differ from atmospheric temperature by more than 3°C, or colour variation such as roller marks may appear.

Product Preparation

Prior to application, store under cover in dry conditions and protect from temperature extremes. Ideally, maintain the product at approximately 25°C for at least 24 hours before use.

Mixing: supplied as one pre-weighted component — no additions or omissions required. Stir and mix well for 2 minutes with a mixing paddle attachment.

Cleaning

Clean tools and equipment with water immediately after use, before the product dries.

Storage

Shelf life 1 year unopened, subject to storage conditions. Store under cover in a cool, dry area, protected from temperature extremes.

Health & Safety

EcoTough Floor Primer is physiologically harmless once cured. Keep away from eyes, mouth and skin, and avoid breathing the vapours; the uncured product can cause skin irritation. Standard safety precautions are advised when handling — refer to the Safety Data Sheet (SDS) for full details.

Technical Assistance

Please contact Sparco Paints (S) Pte Ltd for technical assistance, specification support and application advice.