# Technical Data Sheet

November 2022



## Tile-on-Tile

Hi Performance primer for non-porous surfaces.

#### **DESCRIPTION**

Tile-on-Tile – Hi performance primer for non porous surfaces is a premium one coat primer formulated to improve adhesion to non-porous, smooth, dense and difficult to adhere to substrates.

Tile on Tile primer is fast drying, suitable for multiple substrates and forms a firm foundation for all subsequent Crommelin Waterproofing Membranes. It promotes adhesion of new coverings, toppings and adhesives without the need for surface grinding or etching.

#### **ADVANTAGES**

Tile-on-Tile Primer delivers the following advantages;

- Inexpensive renovations.
- Tough, textured finish.
- Water resistant suitable for use in wet areas.
- Excellent adhesion.
- Fast drying.
- Suitable for internal and external applications.
- Easy to use.

#### **AREAS OF USE**

Tile-on-Tile Primer is suitable for use in the following areas;

- Wet Areas
- Balconies & Patios
- Internal Areas
- External Areas

#### **SUBSTRATES**

Tile-on-Tile Primer is suitable for application on;

- Non-porous surfaces
- Over glazed tiles
- Over most metals
- Dense concrete
- Scyon boards

TECHNICAL DATA (@ 25°C)	
Number of Coats:	1
Coverage: (per coat)	15m²/L
Wet Film: (per coat)	65 microns
Recoat	Not required
Overcoat:	1 hour
Colour:	Blue
Thinner/Clean Up:	Water
Shelf Life:	12 months

#### **ANCILLARY PRODUCTS**

- Crommelin® Contractor Membrane Applicator Brush 100mm, 75mm
- Crommelin® Contractor Membrane Roller Cover 230mm
- Crommelin® Moisture Meter

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#### SUBSTRATE PREPARATION

Full substrate preparation instructions can be found at <a href="https://www.crommelin.com.au/full-instructions/">www.crommelin.com.au/full-instructions/</a>

- Masonry should be flush pointed and all defects in existing surfaces made good.
- Surfaces must be dry, clean, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants.
- Concrete must be allowed to cure for a minimum of 28 days.
- Metal surfaces must be free from rust and oxidisation film. Ensure all solvent or film residue is removed.
- All high points and protrusions should be removed, blow-holes and areas of honeycombing should be filled and the surface should be brought back to an even profile using a suitable repair mortar.

Note: Due to the wide variety of substrates available, adhesion testing is recommended in a trial area before full application.

#### **APPLICATION CONDITIONS**

- Substrate must be dry. The use of a suitable moisture meter is recommended.
- Application temperature between 7°C 35°C.
- Do not apply if relative humidity is above 85% during initial cure phases, or if rain is expected before cure.

Note: In humid conditions, air flow should be maximised with the use of fans to assist cure.

#### **APPLICATION**

Full application instructions can be found at <a href="https://www.crommelin.com.au/full-instructions/">www.crommelin.com.au/full-instructions/</a>

- Apply Tile-on-Tile Primer with Crommelin<sup>®</sup> Contractor Membrane Brush, Crommelin<sup>®</sup> Contractor Roller or similar.
- Apply Tile-on-Tile Primer as per recommended coverage rate.
- Allow 1 hour to dry before over-coating with suitable topcoat, a Crommelin waterproofing system or tiling over.

#### **CLEAN UP**

- Uncured material may be removed with warm water and detergent.
- Cured material may be removed mechanically.
- Cured material may be softened by soaking in Crommelin<sup>®</sup> HD Cleaner before attempting removal.

#### **MAINTENANCE SCHEDULE AND REPAIR**

- Tile-on-Tile Primer must be protected from damage by after trades and inspected prior to the application of any over coat.
- Protect the coating from mechanical damage after application.

#### **PRECAUTIONS**

- Do not apply if the temperature is below 7°C or relative humidity is above 85% or if rain is imminent.
- Do not apply Tile-on-Tile Primer to wet substrates.
- Ensure adequate ventilation and air flow to optimise drying.
- Subsequent coatings must be applied within 48 hours.
- Do not use in applications under hydrostatic pressure.
- Not suitable for continuous water immersion applications.

#### WARRANTIES

A standard warranty period of 10 years is offered for Crommelin® Tile-on-Tile Primer.

Extended warranties are available for project specific applications. Please contact your Crommelin<sup>®</sup> representative, or the Crommelin<sup>®</sup> technical support team for detailed specifications applicable to your project and warranty requirements.

#### TRANSPORT AND STORAGE

• Size: 1L, 4L

• Weight: 1.3kg, 5kg

• DG Class: N/A

• Flash Point: N/A

• UN Number: N/A

• Cool and Dry Storage

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#### SAFETY AND FIRST AID

Tile-on-Tile Primer Safety Data Sheet is available from Crommelin® upon request.

#### Safety

- Ensure good ventilation and avoid breathing vapours.
- Avoid skin and eye contact. Wear gloves and eye protection. Remove splashes on skin immediately and remove contaminated clothing.
- Keep out of reach of children.
- Keep container sealed when not in use.
- Do not swallow.

#### First Aid

- If poisoning occurs, contact a doctor or poisons information centre: Ph. 13 11 26.
- If swallowed, do not induce vomiting. Give a glass of water to drink.
- If in eyes, hold eyes open and flood with water for at least 15 minutes.
- If not breathing, apply artificial respiration.

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Any advice, recommendation, information, assistance or service provided by Crommelin® in relation to its products or their use is given in good faith, however is provided without responsibility or liability.

Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.

Crommelin® also reserves the right to update information without prior notice, to reflect ongoing research and product development.