

T-Microcement

Infosheet

T-Microcement Product Overview

- Innovative high-performance microcement
- Designed for modern, seamless surfaces
- Ideal for tropical climates and high humidity





Key Features & Benefits

- Waterproof – ideal for wet areas
- Crack-resistant – easy maintenance
- High hardness – long-lasting durability
- UV stable & fade resistant
- Anti-mold – perfect for humid environments

3-Layer System

- Primer – ensures strong adhesion
- Microcement – design & texture layer
- Sealer – protection & waterproofing





Application

- Suitable for floors, walls, bathrooms, furniture
- Applied in thin layers (2–3 mm)
- Can be applied over existing surfaces
- Professional application recommended



Technical Data

- Thickness: 2–3 mm
- High compressive strength
- Water-resistant system
- Coverage: 10kg → 6m²
- Drying time: 24h 80% | 30d 100%



Ava
Lagoon

Pricing (main layer)

- End Customer Price per Bucket 10kg:
1'200'000 IDR
- Price per m²: 200'000 IDR



Unique Selling Point

- Optimized for tropical climate
- Easy application system
- Superior crack resistance
- High-end aesthetic finish

Durability of the Microcement System

To be fully transparent: this is a custom-developed formulation and we have not conducted formal laboratory testing, so we don't have certified performance values. However, the system was designed with durability in mind, and we have used it ourselves for about a year without issues.

From both design intent and practical use, we can describe its performance as follows:

- Abrasion resistance: Good resistance to everyday foot traffic; suitable for residential floors and similar use when properly sealed.
- Impact resistance: The material has some flexibility due to polymer modification, so it handles normal daily impacts well, though it remains a thin cementitious layer.
- Surface hardness: Cures to a dense, hard, stone-like surface.
- Water resistance: The base material is relatively dense, but sealing is required for full water and stain protection.
- Biological resistance: We have not observed mold or growth issues under normal indoor conditions.
- UV stability: As a mineral-based system, it is inherently UV stable and not prone to yellowing like some resin-based finishes.
- Adhesion: With proper substrate preparation, we have observed strong bonding without delamination.

It's also important to note that, because this is a thin-layer system, the quality and condition of the substrate play a central role in the performance of the finished surface.

Summary:

We would describe it as a durable, high-quality microcement system for residential applications, with good real-world performance so far. At the same time, it is not a certified industrial product, so performance should be evaluated accordingly for each project.

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