



FORCRETE.

EVERY SURFACE MATTERS

MICRO-GUARD

P 01603 455962

E sales@forcrete.co.uk

W www.forcrete.co.uk

PRODUCT DESCRIPTION

MICRO-GUARD is a two-component epoxy cement base layer designed for waterproofing. MICRO-GUARD provides excellent structural adhesion.

MATERIAL FEATURES

- Water resistant
- Ease of use
- Stress resistant
- Maximum flexibility
- Sticks to most substrates
- Internal/External

KEY INFORMATION

A : B
86:14
MIX RATIO


MIX TIME
3 MINUTES

**USE
NEAT**


POT LIFE
60 MINS


TROWEL
APPLICATION


5°C — 25°C
WORKING
TEMP


SHELF LIFE
12 MONTHS


WEAR
GLOVES


WEAR
GOGGLES


CLEAN WITH
WATER



FROST FREE

TECHNICAL DATA

Product type:

User time: +23 °c = 110min
+35 °c = 80min

Appearance:

Part A – Grey paste

Part B – Blue green paste

Chemical Nature:

Mix Ratio: A : B
86 : 14

Shelf Life: 24 months

Static modulus of elasticity @ 28 days = <8N/mm²

Compressive Strength (28 days) = <45N/mm²

Adhesion to concrete (28 days) = >1.5 N/mm²

Consumption – 1kg per m²

MICRO-GUARD APPLICATION INSTRUCTIONS

1. SURFACE PREPARATION

Ensure the surface is correctly prepared, primed, and sufficiently cured.

Ensure the substrate is dry and contaminant free and no moisture is rising.

2. MIXING INSTRUCTIONS

Mix the correct proportions of component A and component B in a clean vessel(although this can be done in component A tub) by means of mechanical stirrer on low speed(300-500rpm). Mix both parts until fully combined(minimum of 3 minutes).

Streaks within the material are a sign of insufficient mixing. Scrape the side of the tub and mix for a further 2 minutes.

Store tubs at $\geq 20^{\circ}\text{C}$ for at least 2 days prior to use for best results.

3. APPLICATION

Apply MICRO-GUARD using stainless-steel flexible trowel to correct thickness. If using a fiberglass mesh reinforcement press the MICRO-GUARD firmly into the mesh to ensure its flat and no blistering. Failure to apply correctly could result in poor adhesion.

4. SPECIAL PRECAUTIONS

- For professional use only
 - Protect against water for 12hrs
 - Temperature, ventilation, and absorption of substrate can vary workability and setting times
 - Ensure use of PPE, Nitrile gloves and eye protection
 - Keep out of reach of children
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5. CLEANING OF TOOLS

Clean tool and any residue of MICRO-GUARD using water whilst still fresh. Once hardened it can only be removed by mechanical abrading.