



FORCRETE.

EVERY SURFACE MATTERS

MICRO-ARMOUR

P 01603 455962

E sales@forcrete.co.uk

W www.forcrete.co.uk

PRODUCT DESCRIPTION

Micro-Armour is a two-component resin based Microcement topping, designed to create controllable, smooth or textured seamless finishes. Used as a final layer in the FORCRETE microcement system it exhibits excellent water and stain resistant properties before the use of polyurethane sealers.

MATERIAL FEATURES

- Suitable for internal and external applications
- Water resistant and non-absorbent
- Bacteriostatic
- Stain Resistant
- Hygiene tested (food)
- High Abrasion resistance
- Good UV resistance

KEY INFORMATION

A : B 2 1 MIX RATIO	ADD 50g - 80g OF WATER PER MIXED KG	 MIX TIME 3 MINUTES	 POT LIFE 60 MINS	 WORKING TEMP
 TROWEL APPLICATION	 FROST FREE	 SHELF LIFE 12 MONTHS	 WEAR GOGGLES	 WEAR GLOVES
 CLEAN WITH WATER				

TECHNICAL DATA

Product type: Epoxy Cement

User time: 60 minutes

Appearance:

Part A – Coloured Paste

Part B – Neutral Paste

Chemical Nature: Epoxy Resin

Mix Ratio: A : B
2 : 1

MICRO-ARMOUR now requires FORCRETE-HPA to be mixed at the same time as part B

Shelf Life: 12 Months

Static modulus of elasticity @ 28 days = ≤ 1230 MPa (ISO178)

Resistance to Abrasion = ≤ 200 mm³ (EN 13892)

Compressive Strength (28 days) = ≤ 50 N/mm²

Adhesion to concrete (28 days) = > 2 N/mm²

Consumption: 400g - 500g/m²
Thickness: 0.4 - 0.5mm per layer

MICRO-ARMOUR APPLICATION INSTRUCTIONS

1. SURFACE PREPARATION

Ensure the substrate is dry and contaminant free. Make sure surface is sanded down to remove any high burghs or imperfections that might impair the MICRO-ARMOUR finish. Make sure all debris has been hovered off to leave a clean surface to achieve the best adhesion.

2. MIXING INSTRUCTIONS

In a clean vessel weigh out the desired amount of MICRO-ARMOUR Part A and Part B to the correct mix ratio as stated. MICRO-ARMOUR now requires FORCRETE-HPA to be mixed at the same time as part B. Mix using a mechanical stirrer on low speed(300-500rpm) until fully mixed(no streaking). Mix for a minimum of 3 minutes.

3. APPLICATION

Apply MICRO-ARMOUR using a stainless-steel flexible trowel to desired effect and finish at the correct thickness. Apply in small amounts for ease of use.

Once completely dry remove blemishes by means of mechanical sanding using relevant sanding discs leaving a blemish free finish ready for sealers.

4. SPECIAL PRECAUTIONS

- For professional use only
 - This is epoxy resin based and can cause skin irritation.
 - Do not apply below +5 °c or above +25 °c
 - Keep out of reach of children
 - Dispose of waste in accordance to current legislation
-

5. CLEANING OF TOOLS

Tools can be cleaned using fresh water and a soft brush. Ensure any mixing equipment has been unplugged before cleaning.