



- HIGH HARDNESS
- FOOT TRAFFIC
- TWO COMPONENT
- STAIN RESISTANT
- HIGH ADHESION
- INTERIOR EXTERIOR
- SEAMLESS FINISH
- EXCELLENT WORKABILITY

MICREX IRON

HEAVY-DUTY EPOXY
FLOOR MORTAR

MICROSTONE[®]
BY MICROFORCE

DESCRIPTION

Micrex Iron is a three-component, water-based epoxy decorative mortar built for floors that see heavy traffic. Selected high-strength aggregates give a highly wear-resistant surface even at minimal thickness, with a refined mineral texture — ideal for shops, showrooms, warehouses and busy commercial interiors.

KEY FEATURES

- Covers approx. 22–45 m² per coat per 22.5 kg pack
- Very high abrasion resistance, even at minimal thickness
- For high-traffic decorative floors
- Compressive strength > 30 N/mm²; flexural > 20 N/mm²
- Foot traffic after 8 hours (25°C)

TECHNICAL INFORMATION

PRODUCT TYPE

Three-component water-based epoxy mortar (A+B+C)

MIXING RATIO

A 45 : B 30 : C 100

CONSUMPTION

0.5–1 kg/m² per coat

POT LIFE (25°C)

> 20 minutes

TOUCH DRY (25°C)

8–10 hours

FOOT TRAFFIC

> 8 hours (25°C)

COMPRESSIVE STRENGTH

> 30 N/mm² (7 days)

FLEXURAL STRENGTH

> 20 N/mm² (7 days)



HOW IT'S APPLIED

- Prepare** — grind, shot-blast or pressure-wash the concrete; grind tiled floors hard and repair loose tiles with R4 repair mortar.
- Prime** — one coat of Primer 3C broadcast with 0.1–0.5 mm quartz; vacuum loose quartz once dry.
- Mix** — mix A+B for at least 2 minutes at low speed, then gradually add C and mix for about 1 minute.
- Apply** — spread quickly with a steel trowel at 0.5–1 kg/m² per coat.
- Finish** — seal with Aquamax at approx. 0.05–0.1 kg/m².

COVERAGE

Approximately
22–45m²
per coat
per 22.5 kg pack

APPLICATION



PREPARE



MIXER



TROWEL

PACKAGING



22.5KG
Pack A+B+C



**PROFESSIONAL
PERFORMANCE**

Engineered for strength,
adhesion and durability.



LOW VOC

Safe for installers
and the environment.



WATERPROOF

Reliable protection
in wet areas.



**PREMIUM
QUALITY**

Developed for the most
demanding projects.

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