

FINISHING MICROCEMENT · HIGH TRAFFIC

Microtraffic KCberry

High-strength finishing microcement for floors and walls

Two-component A+B

Compression ≥ 37.8
N/mm²

Floors

Interior and exterior

0.95 kg/m²

Description and use

Microtraffic KCberry is the finishing microcement with the highest mechanical strength in the standard range, formulated for heavily used floors without sacrificing a seamless, jointless look. It can also be applied on walls. It is always applied over **Microbase** and mixed with Royal Resin (component B).

Properties and benefits

- **The highest compressive and flexural strength** in the standard range: ideal for residential and commercial floors.
- **Seamless, crack-free coating**, respecting expansion joints.
- **High adhesion** and excellent workability.
- Wide range of colours and effects; matt, satin and gloss finishes after sealing.

Field of application

Floors and vertical surfaces in residential and commercial spaces, interior or exterior, dry or wet: living rooms, kitchens, bathrooms, stairs, shops, offices and restaurants.

Technical data

Property	Specification	Unit	Method / Standard
Type	Two-component microcement	—	—
Appearance (comp. A)	White powder	—	—
Bulk density (powder)	1 175 ± 50	kg/m ³	—
Bulk density (paste)	1 505 ± 50	kg/m ³	—
Hardened density (28 days)	1 390 ± 50	kg/m ³	—
Pot life	1 hour at 20 °C	—	—
Maximum aggregate size	< 0.2	mm	—
Compressive strength (28 days)	≥ 37.80 (average 39.20)	N/mm ²	EN 13892-2
Flexural strength (28 days)	≥ 10.15 (average 10.90)	N/mm ²	EN 13892-2
Bond strength (28 days)	≥ 1.20 (average 1.63)	N/mm ²	EN 13892-8
System thickness	1 to 3	mm	—
Maximum thickness per coat	1	mm	—
Consumption (2 coats, over Microbase)	0.95	kg/m ²	—

Substrate preparation

Always prepare the surface with **Microbase KCberry**, over a clean, grease-free, sound and level substrate. Apply **KCberry Adhesion Promoter** beforehand.

Mixing

Microcement	Royal Resin (comp. B)	Ratio
10 kg of Microtraffic	3.7 L	1 : 0.37

- 1 Pigment the resin.** Pour part of the Royal Resin into a container, add the full dose of pigment and mix until the colour is uniform.
- 2 Add the powder.** Gradually add the Microtraffic and the remaining resin, using a low-speed mechanical mixer.
- 3 Homogenise.** Mix for at least 2 minutes until a smooth, lump-free paste is obtained.

Application

- 1 Base.** Apply one or two coats of Microbase with a trowel (on floors, always two coats with 50 g fibreglass mesh). Sand between coats with 120 grit.
- 2 Finish.** Apply two coats of Microtraffic with a flexible steel trowel.
- 3 Final sanding.** Once the material is dry (when it lightens), sand lightly with a random orbital sander or a sanding glove.
- 4 Seal.** Seal between 24 and 48 hours after hardening, never before the coating has a moisture content below 5% (measured with a suitable meter). Use KCberry Two-Component Polyurethane Varnish, following its technical data sheet.

Two finishing techniques. Wet on wet: the next coat goes on when the previous one is no longer tacky; the first is not sanded and ridges are removed with the trowel; the last is worked while standing on extruded polystyrene boards and sanded with 80 grit. **Wet on dry:** allow to dry for about 3 hours and sand lightly before the next coat.

PACKAGING

18 kg bucket (component A). Royal Resin in 5 L and 25 L.

CLEANING

Wash tools with water immediately after use. Once hardened, it can only be removed mechanically.

STORAGE

In the original sealed packaging, protected from the weather and always below 30 °C. Store Royal Resin between 10 °C and 30 °C.

SHELF LIFE

12 months from the date of manufacture, in sealed, properly stored packaging.

Precautions

- This product contains cement: avoid contact with eyes and skin and avoid inhaling the dust.
- Wear rubber gloves and safety glasses. Keep out of the reach of children.
- Do not apply at ambient temperatures below 10 °C or above 30 °C. Cold extends and heat shortens pot life and drying time.
- Always respect the expansion joints of the substrate.
- Dispose of empty packaging in accordance with current legislation.
- Microcement should be applied by qualified professionals.

COMPLETE KCBERRY SYSTEM · CUSTOMERS WHO BUY THIS PRODUCT ALSO BUY

Microbase KCberry	Mandatory base layer beneath Microtraffic.
Fibreglass Mesh	Mandatory reinforcement on floors.
Royal Resin KCberry	Component B of the mix (3.7 L per 10 kg).
Two-Component Polyurethane Varnish	High-resistance sealing for trafficked areas.

Need technical support for your project?

The KCberry technical team sizes your system, confirms the right substrate preparation and supports you or your contractor remotely, from order to final seal.

REQUEST A FREE QUOTE: kcberry.ie

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The product must not be used for purposes other than those specified without prior written instructions. The information in this sheet is based on tests and practical experience and is given in good faith; it is the user's responsibility to take the measures needed to comply with applicable legal requirements. The Safety Data Sheet is available to professionals on request. This edition supersedes all previous ones.