

SEALING AND PROTECTION · KCBERRY SYSTEM

Two-Component Polyurethane Varnish

Two-component (A+B) acrylic polyurethane varnish to protect microcement

Non-yellowing (UV)

High resistance

Matt · Satin · Gloss

Interior and exterior

3 L and 6 L

Description and use

KCberry Two-Component Polyurethane Varnish is a solvent-based two-component (A + B) acrylic polyurethane designed to protect microcement indoors and outdoors. It is the layer that turns a beautiful coating into a **durable, easy-to-maintain** one: it resists water, stains, abrasion and household detergents, and enhances the colour of the microcement. Available in matt, satin and gloss finishes.

Properties and benefits

- **High resistance to abrasion and scratches.**
- **High resistance to water** and household cleaning agents.
- **Unaffected by UV rays:** does not yellow.
- **Markedly enhances the colour** of microcement coatings.

Composition and mixing

Component	Nature	Solids
A — Polyurethane	Hydroxylated acrylic resins	40 %
B — Hardener	Aliphatic isocyanate; solvents: esters, ketones and aromatics	39 %
Mixing	2 parts A to 1 part B (hardener at 50 %)	—

Technical data

Property	Specification	Unit	Method / Standard
Type	Solvent-based two-component acrylic polyurethane	—	—
Mixing ratio A : B	2 : 1	parts	—
Pot life	2	h	—
Waiting time after microcement	24 to 48	h	—
Interval between coats	8 h to 2 days	—	—
Application temperature	10 – 30	°C	—
Finishes	Matt, satin and gloss	—	—
Storage stability	6	months	—

Application

- 1** **Check the substrate.** The microcement must be dry and dust-free. Depending on the weather and ventilation, wait 24 to 48 hours after the last coat of microcement.
- 2** **Mix.** Add the hardener (B) to the polyurethane (A) with mechanical stirring, in a 2 : 1 ratio. Correct mixing prevents craters and differences in gloss.
- 3** **Apply.** Apply by spray gun or short-pile enamel roller, between 10 °C and 30 °C. The mix must be used within 2 hours.
- 4** **Second coat.** Wait at least 8 hours and no more than 2 days. Lightly sand the first coat with 400-grit sandpaper before applying the second.

Over old varnish. Sand the surface thoroughly and remove stains, grease and dust. Always test adhesion on a hidden area before varnishing the whole surface.

PACKAGING

3 L and 6 L sets (A + B), in matt, satin or gloss.

STORAGE

Between 10 °C and 30 °C, in a dry, well-ventilated place, away from heat sources and direct sunlight.

SHELF LIFE

6 months in the original sealed packaging.

Risk prevention

PROTECTION DURING APPLICATION

- Good ventilation of the area.
- Respirator with a chemical vapour filter.
- Splash-proof safety glasses.
- Rubber gloves.

PRODUCT HAZARDS

- Highly flammable.
- Harmful if inhaled and in contact with skin; irritating to eyes and skin.
- Prolonged exposure may dry and crack the skin.
- Inhaling vapours may cause drowsiness and nausea.

First aid

- **Eyes:** rinse thoroughly with clean water for 15 minutes, keeping the eyelids open, and seek medical attention.
- **Ingestion:** consult a doctor immediately. Never induce vomiting.
- **Inhalation:** move the person to fresh air, keep them warm and at rest; if breathing is irregular or stops, give artificial respiration and seek medical attention. Do not give anything by mouth.
- **Skin:** remove contaminated clothing and wash thoroughly with soap and water. Never use solvents or thinners.

COMPLETE KCBERRY SYSTEM · CUSTOMERS WHO BUY THIS PRODUCT ALSO BUY

Microtraffic / MicroNoSlip KCberry	Floor finishes requiring high-resistance sealing.
Microfinishing KCberry	Fine wall finish — the varnish enhances the nuances.
KCberry Sample Kit	Compare matt, satin and gloss before deciding.

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

WhatsApp / Tel. +353 21 221 0022 · info@kcberry.ie · kcberry.ie

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.