

WATERPROOFING · SUBSTRATE PREPARATION

SubVap KCberry

Flexible two-component (A+B) waterproofing mortar

Bridges cracks > 1 mm

Vapour-permeable

Drinking water

3 to 4 mm

1.7 kg/m²/mm

Description and use

SubVap KCberry is a flexible two-component waterproofing mortar: component A is based on dispersed acrylic resins and component B on Portland cement, silicas and additives. It creates a **waterproof, vapour-permeable** barrier that follows the movements of the substrate — the right base for microcement in showers, terraces and wet areas.

Where to use it

- External waterproofing of terraces, roofs, balconies and planters.
- Waterproofing and rehabilitation of basements, below-ground walls and interiors.
- Waterproofing of drinking-water tanks and swimming pools.
- Protection of concrete structures against freeze-thaw cycles.
- **Waterproofing of shower bases** before microcement.

Properties and benefits

PERFORMANCE

- Elasticity: bridges cracks larger than 1 mm.
- Flexibility: bent at 90° over a metal plate, it neither loses adhesion nor cracks.
- Waterproof and permeable to water vapour.
- Protects concrete against carbonation.

APPLICATION AND SAFETY

- Pre-dosed components, easy mixing.
- Can be applied by roller, brush or steel trowel.
- Excellent adhesion; can be overpainted.
- Non-corrosive, non-flammable and non-toxic. Approved for contact with drinking water.

Technical data

Property	Specification	Unit	Method / Standard
Type	Flexible two-component waterproofing mortar	—	—
Component A	Liquid — dispersed acrylic resins	—	—
Component B	Grey powder — Portland cement, silicas and additives	—	—
Fresh mortar	Light grey	—	—
Crack-bridging capacity	> 1	mm	—
Recommended thickness (2 coats)	3 to 4	mm	—
Average consumption	1.7	kg/m ² per mm	—
Standing time after mixing	5	min	—
Maximum application time (18–20 °C)	45	min	—
Substrate temperature	5 – 40	°C	—

Interval between coats

Temperature	+10 °C	+20 °C	+30 °C
Approximate interval	12 h	6 h	3 h

Application

- 1 Prepare the substrate.** The substrate must be clean and free of loose particles, grease, oil and paint. Always dampen the base before applying.
- 2 Mix.** Homogenise component A. Add component B slowly, mixing continuously for 2 minutes (preferably with a low-speed stirrer).
- 3 Stand.** Leave the mix to stand for at least 5 minutes. Apply within a maximum of 45 minutes (at 18–20 °C).
- 4 Apply.** Apply in two coats up to a total of 3 to 4 mm. If fibreglass mesh is used, it must be alkali-resistant and embedded between the first and second coats.

PACKAGING

Component A (resin) in 10 L and component B (powder) sold separately.

CLEANING

Wash tools with water.

CONDITIONS

Do not apply if rain is forecast within the next 5 hours, or with the substrate above 40 °C or below 5 °C.

COMPLETE KCBERRY SYSTEM · CUSTOMERS WHO BUY THIS PRODUCT ALSO BUY

Fibreglass Mesh	Reinforcement between coats (alkali-resistant).
KCberry Adhesion Promoter	Primer for the microcement over SubVap.
Microbase + Microtraffic	Microcement system for showers and wet areas.
Two-Component Polyurethane Varnish	Water-resistant final sealing.

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.