



KEMCO QB1 Binder

Application area

- Covering for interior areas, covered walkways, balconies and terraces
- For new buildings and repair work
- In order to create decorative floor coverings of KEMCO Decor Stone / Natural Stones and
- Indoor and outdoor use
- On COELAN waterproofing and coating products

Features

- Solvent-free
- Odourless
- Lightfast
- AgBB-compliant
- Air-humidity cured
- Weatherproof
- Resin base: Polyurethane resin

Pack size

1.75 kg package

5.25 kg package

Storage

Store unopened in a cool, frost-free and dry place, see label for use before date.

Consumption

7 mass% = 1.75 kg package for 25 kg KEMCO Decor Stone / Natural Stones

Ready-to-use mixture: 13 kg/m² KEMCO Decor Stone / Natural Stones for a layer thickness of 6 mm

10 weight % = 2.50 kg for 25 kg

Ready-to-use mixture: 7 kg/m² for 3 mm layer thickness:

Properties

Form	Liquid
Colour	transparent yellowish
Workability time*	approx. 45 min
Rainproof after*	approx. 2 h
Can be walked on after*	approx. 72 h
Cured after *	approx. 3 d
Layer thickness of the finished covering (fleece laid butt jointed)	approx. 6 mm
Layer thickness of the finished covering with Colour Quartz	approx. 3mm

Fire exposure from outside B_{fl} **, ***

Non-slip class R9 ***

- * Values obtained at a temperature of 23 °C - 50% rel. humidity. These values vary depending on the weather conditions, such as wind, humidity and temperature.
 ** Classification according to DIN EN 13501-1
 2006: DIN 4102-14 - Resistance to flying sparks and radiant heat.
 *** Checked with KEMCO Decor Stone / Natural Stones

Application

Preparing the substrate

Substrates like concrete, screed or COELAN waterproofing and coating products must be level, dry, firm and free of from any substances which may hinder adhesion. Surfaces must be prepared and primed in line with the manufacturer's guidelines.

The still wet KEMCO POX 2K Primer or COELAN Primer EP Plus is scattered with approx. 300 g/m² of KEMCO NQ 0408 Natural Quartz as a bonding coat.

In the still fresh COETRANS 1-K Waterproofing Layer at least 100 g/m² KEMCO NQ 0408 Natural Quartz as a bonding layer is spread.

Coating requirement

In case of temperatures between +10 ° C and +30 ° C, acclimatize the material for 24h before use. When executed, the surface temperature must be 3 K above the dew point. If the dew point is undershot, a moisture film, which has a separating effect, can form on the surface to be processed (see Technical Information TI 16).

Optimal processing temperature at > + 10 ° C (air temperature).

High air humidity (>80%) can affect the surface structure.

Mixing

Processing with KEMCO Decor Stone / Natural Stones and : After opening the container, the binding agent must be thoroughly stirred with a stirring stick.

The KEMCO QB1 Binder should be mixed thoroughly with a slow-speed pugmill mixer in the KEMCO Decor Stone / Natural Stones / mixed until the binding agent and stones resp. color quartz are mixed homogeneously. Mixing time 5 minutes, must be processed within 40 minutes.

To avoid foaming, empty the mixing bucket immediately after the mixing process without leaving any residues. Avoid material accumulation.

Application

Divide larger areas into bays according to the German "Tile-Laying Guidelines". Expansion joint profile rails are used for this subdivision. Complete each bay in one



operation. Spread the prepared mixture evenly over the substrate with a straight-edge, smooth the surface and compact it lightly with a smoothing trowel. Afterwards, smooth the surface evenly again with the smoothing trowel.

Personal protective equipment must be worn.

We recommend a hand protection and skin protection plan adapted to the workplace. Clean the tools immediately after use with KEMCO MEK Cleaning Agent.

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Important note

On surfaces in an exposed position, e. g. in a forest location, or when ponding occurs, with KEMCO Decor Stone / Natural Stones algae growth, soiling or the like are possible.

Wear surfaces are subjected to mechanical stress and therefore require periodic inspection/maintenance. Depending on the degree of wear, a rework may be required.

Surface stickiness may persist for up to three days depending on outside temperature and air humidity.

Disposal

Liquid	EAK 08 05 01
cured	EAK 17 02 03

GISCODE

PU40

General information

The times given above are reduced with higher and increased with lower ambient and substrate temperatures as well as with the relative humidity. KEMPER SYSTEM products must not be mixed with other manufacturers' products.

Only for commercial use.

Our technical data sheets / technical information and application instructions reflect the current level of knowledge in our company and the experience with our products. In each case, the new edition supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practise. The latest version can be retrieved from the KEMPER SYSTEM Login section. When using our products, a detailed, object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults, and this only if our relevant product has been used and applied according to the instructions in our technical data sheets. Correct application of our products therefore falls entirely within the scope of liability and responsibility of the user (contractor). Our products are sold exclusively on the bases of our conditions of sale and delivery.