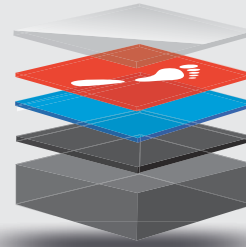









TopStone EP22

multipurpose clear coating used for embedding decorative objects and to seal the coloured sand



-  TopStone EP22 Clear Epoxy Coating
-  Application of decorative objectseg. logos, wallpapers
-  TopStone EP11 Cast Epoxy Screed (RAL options)
-  TopStone EP01 or EP02 Epoxy Primer (ECO options)
-  Supporting structure (machine-finished concrete, ceiling)

2-component clear epoxy material

Features:

Clear surface finishing for selected epoxy clear coating on selected TopStone epoxy surfaces and coloured quartz sand, wallpapers, logos, stickers

Possible use:

- a sealing layer for coloured quartz sand e.g. for school canteen kitchens, medical facility canteen kitchens, factory canteen kitchens, canteens, exhibition halls, galleries, hallways and all environments with higher requirements for aesthetics and mechanical surface resistance
- sealing protective layer for TopStone EP11, EP11 Plus cast screed
- sealing protective layer for the TopStone EP11, EP11 Plus cast screed sprinkled with coloured chips
- coating suitable for enclosing perforated wall coverings; always check the compatibility of the coating and wall coverings prior to application
- application of machine-smoothed coloured sand, we recommend to use the TopStone smoothing machine

EP22

Advantages:

- excellent clarity at thicknesses up to 2 mm
- longer pot life and increased UV stability compared to EP21
- aesthetic surface
- excellent mechanical properties, good chemical resistance
- multipurpose
- waterproof
- easy cleaning of finished surface
- glossy surface

Characteristics:

- epoxy, two-component, clear, low-viscosity, solvent-free, nonylphenol-free, environmentally friendly

Workability data:

Material pot life	60 minutes at 20 °C
Recommended laying temperature	> 10 °C (+ 30 °C max.)
At low temperature	Slow curing
At high temperature	Fast curing
Surface usability at 20 °C	Another layer after about 24 hours.

TopStone EP22 can't come into direct contact with water or chemicals during application and curing. Do not use diesel burners, gas burners etc. for heating in the application site. They produce CO2 and water vapor in the application site, which has a negative influence on the surface quality. Epoxies aren't completely UV stable.

Packaging and coverage:

The consumption of material listed here may vary depending on the specific conditions and application.

Retail packaging	5 kg approx. 5-10 m ² / coverage of 0.5-1.0 kg/m ²
Wholesale packaging	25 kg approx. 25-50 m ² / coverage of 0.5-1.0 kg/m ²

Storage:

At temperatures > +12 °C < +25 °C, in a dry place in the original packaging. For warranty period see details on the packaging.

Instructions for Use:

1. Apply TopStone EP22 on the cured TopStone EP11 surface or coloured quartz sand, using the technique described below.
2. Preparation of tools: A container for mixing the two components of the binder according to the instructions, stirrer, steel trowel, rubber squeegee, aeration roller.
3. Thoroughly mix the two A and B components of TopStone EP22 using a slow-turning stirrer for 3 minutes.
4. When ready, apply the material within 60 minutes at 20 °C using the appropriate technique, such as a painting roller or a rubber squeegee.
5. Apply TopStone EP22 at increasing temperature, which reduces the risk of air humidity condensation on the surface of the material.

CAUTION! Neither scrape out nor let drip the mixture from the package as there is a high risk of uncured areas.
CAUTION! Before applying the TopStone EP22 material, make sure the surface is completely primed, without bubbles, inflows and other defects. TopStone Filler, or new primer can be applied again, if necessary.



STONEY'S ADVICE:



- User application of the sealing layer:** apply onto the perfectly cured TopStone EP11 surface or other recommended TopStone surfaces using a steel trowel or a rubber squeegee. The final step consists of removing the air from the screed, using a spiked aeration roller.

Use: a protective, sealing layer of TopStone EP11 or TopStone EP11 sprinkled with coloured chips. The sealing layer on an epoxy substructure covered with a perforated wallpaper. Enclosing layer for decorative elements.

Apply TopStone EP22 onto the surface immediately after mixing. Failure to do so will result in the risk that, during any remix (after more than 5-10 minutes), a sharp exothermic reaction will spontaneously occur = fast hardening. Make sure to clean all tools and skin of any uncured material with TopStone Cleaner or acetone, remove the cured material mechanically with sandpaper, grinder, etc.

H statements, P statements:

A Component: H315, H317, H319, H411, P280, P302+P352, P305+P351 +P338, P310, P333+P313, P362, P391, P501

B Component: H302, H312, H314, H317, H332, H411, H412, P264, P270, P271, P280, P301+P330+P331, P3020+P352, P303+P361+P353, P305+P351+P338, P312, P333+P313, P363, P391, P405, P501

Specifications:

Basic characteristics	Level
Compressive strength	55 MPa
Flexural strength	40 MPa
Reaction to fire	Bfl
Slip resistance (dry - wet)	Meets (≥ 0.5) according to the ČSN 74 4505
Specific weight	1.2 kg/l
Consumption	0.5 kg/m ²

Mixing ratio A : B by weight 1.8 : 1 or see the label on the packaging.

Safety

Chemical composition - a mixture of epoxy resin with a specially formulated curing system. Transportation classification - ADR comp. A 9 and comp. B 8. See the material safety data sheet for more information. Fire extinguishing methods - dry sand, alcohol-resistive foam, CO₂, water mist. DO NOT EXTINGUISH WITH WATER!!!

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PARTNER / SELLER: