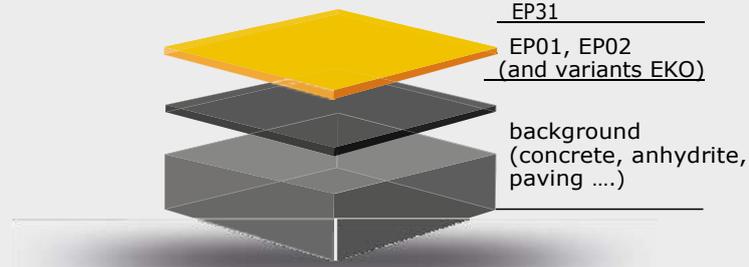




TopStone EP31

polyurethane epoxy coating, paint, membrane

15.03.2017 ver. 4



2-component polyurethane epoxy multi-purpose compound

Funktion:

Flexible finish with ideal adhesion to TopStone penetration or silica sand

Possibility to use:

- Flexible membrane in TopStone Parking System
- Flexible smooth spatula to space requiring static cracking
- Flexible sealing layer, interlayer of anti-slip system applied to silica sand
- flexible design spatula after mixing two different RALs
- After mixing with TopThix, cracks, shrinkage joints can be bonded
- after blending with TopThix, the realization of smaller fluids in the floor / wall contact

EP

Benefits:

- bridging static cracks
- multipurpose use
- very good mechanical properties
- very good chemical properties
- shade according to RAL sampler
- simple application
- easy cleaning of the final surface
- semi-glossy surface

31

Properties:

- polyurethane-epoxy, two-component, highly pigmented, low viscosity, solvent-free and nonylphenol, environmentally friendly

Processing data:

Material workability time	30 minutes at 20 ° C
Recommended laying temperature	> 10°C (+30°C max.)
At low temperature	Slow cure
At high temperature	Rapid cure
Applicability of the surface at 20 ° C	Next layer within 24 hours. The surface is covered after 24 hours. Fully cured in 7 days.

During application and curing, TopStone EP31 must not come into direct contact with water and chemicals. Do not use diesel burners, gas burners, etc. at the place of CO₂ and water vapor production that have a negative effect on the surface quality for space heating. It is not completely UV stable. For light shades, it is advisable to perform multiple layers of paint and penetrate with penetration.

Packaging and Coverage

These material consumption may vary according to specific conditions and specific applications.

Retail packaging	5kg - nátěr cca 10 m ² , stěrka 1,5 - 4 m ²
Wholesale packaging	25kg - nátěr cca 50 m ² , stěrka 7,5 - 20 m ²

Instructions for Use:

1. Apply Topstone to the cured Surface TopStone layer using the Topstone EP31 technology described below.
2. Tool preparation: Mixing vessel for two binder components according to the instructions, stirrer, rubber spatula, brushless or teeth steel trowel, venting roller, nylon or velvet roller. Důkladně promíchat obě složky A a B TopStone EP31 pomocí pomalu obrátkového míchadla po dobu 3 minut.
3. 3. Treat the prepared material within 30 minutes at 20 ° C using a suitable technology, such as a roller coating, a toothed or teeth-free steel trowel.
4. 4. Apply TopStone EP31 at rising temperature, reducing the risk of condensing air humidity on the surface of the mass.

WARNING! Never rub or drop the mixed material out of the packaging, risking unheated areas on the surface.
ATTENTION! Prior to applying TopStone EP31, make sure that the surface is fully sealed without bubbles, inlets and other defects. If necessary, TopStone Filler should be topped up or new penetration made.

Storage

At temperature between 13 & C and 25 & C. In original packaging. Warranty period ... see data on the packaging.

Stouny advice:



1. Instruction for membrane application: Apply with a tooth spatula to the perfectly cured TopStone penetration. The final step is to bleed the spatula by rolling over a special roller with "hedgehog" tips. Finish the top surface with TopStone EP12 (see TopStone Parking System I)

Usage: storey garages of commercial and residential buildings in the interior and wherever there will be a requirement for bridging static cracks in the substrate.

2. Instructions for application of a cast spatula: Apply approximately 1.2-3.5 kg / m² with a spatula or smooth spatula to the perfectly cured penetration of TopStone. The final step is to bleed the spatula by rolling over a special roller with "hedgehog" tips. It is recommended to close the spatula with TopStone PU21 or TopStone EP12 or TopStop anti-slip varnish.

Usage: office buildings, offices, corridors, meeting rooms, cloakrooms, family houses garages, TV studios, etc.

Directions for realizing the anti-skid surface: Apply with steel trowel at a consumption of approx. 0.5-0.7 kg / m² on prepared sandblasted surface. Then roll over to "cross".

Sample composition of the anti-skid surface in thickness. approx. 1.0-2.0 mm:

TopStone penetration approx. 0.5 kg / m²

-silicate sand fraction 0.3-0.8 mm approx. 3.0 kg / m² (sanding excess sand, sanding)

- TopStone EP31 approx. 0.6 kg / m²

Use: garages, ramps in garages, warehouses, production halls and wherever a safe anti-slip surface is required

Directions for the realization of the creative surface: apply two different shades in a consumption of approx. 3kg / m² (50/50 ratio), mix both colors at the same time apply them to a perfectly cured TopStone spatter surface with a steel toothed trowel and create a mixture of colors, according to the frequency of strokes we choose the contrast between the colors, we make either horizontal strokes or arcs. We recommend that the smear be sealed with TopStone PU21 varnish or TopStop anti-slip varnish.

Usage: interiors, entrance halls, office buildings, offices, corridors, meeting rooms, cloakrooms, family houses garages, TV studios, etc.

TopStone EP31 is applied immediately after mixing. If this is not done, there is a risk of a spontaneous violent exothermic reaction (fast after 5-10 minutes). Tools and skin from uncured material should be cleaned using TopStone Cleaner or acetone, hardened material by mechanical - sanding, grinding, etc.

Technical data

Pot life	30 min
Compressive strength	55 MPa
Bending strength	40 MPa
Specific gravity	1,48 kg/l
Adhesion to concrete	2.97 MPa
Reaction to fire	B _s S1
Anti-slip (dry-wet)	0,5) by ČSN 74 4505
Consumption	0,5 - 3,5kg/m ²

Mixing ratio A: B according to the weight of 5.1: 1 or according to the label on the packaging.

Safety

Chemical composition - A mixture of epoxy resin with a specially formulated hardening system. Traffic classification

- ADR sl. A 9 and sl. B 8. Further information is provided in the Safety Data Sheet. Extinguishing agent - dry sand, alcohol resistant foam, CO₂, water mist. Do not run water!!!

TOPSTONE s.r.o.
Družstevní 442, Hranice, 753
01 Česká republika
+420 580 582 580 | info@topstone.cz
stavebnichemie.topstone.cz

ISO 9001, ISO 14001

Slovenská republika
TOPSTONE Slovensko s.r.o.
prevádzka Vrbovská cesta
123 921 01 Piešťany
+421 918 459 563 | info@topstone-sk.sk
stavebnachemia.topstone-sk.sk

PARTNER / SELLER:

