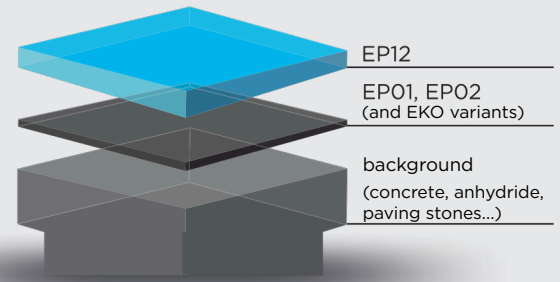




TopStone EP12

Coating Material, Textured "Orange Peel" Surface, Screed

22.1.2020 ver. 7



2-component epoxy multipurpose material

Functions:

Final surface finish with excellent adhesion to primer and selected TopStone epoxy surfaces.

Possible Use:

- floor coatings (garages, production halls, basements, technical rooms, boiler rooms, etc.)
- coating of stair treads, landings, mezzanines
- sealing of current epoxy surfaces
- coating of skirting boards and plinths
- anti-slip coating when ceramic sand is added
- traffic markings on epoxy TopStone surfaces
- coating of undercoats (if unprimed, first prime with TopStone EP02)

Advantages:

- aesthetic textured surface ("orange peel" structure)
- visually reduces minor substrate unevenness
- easy application
- excellent mechanical and chemical resistance
- multipurpose
- available in RAL shades
- high wear resistance
- easy cleaning
- semi-gloss finish
- low consumption / cost effective

Characteristics:

- epoxy, two-component, highly viscous, highly pigmented, solvent-free, nonylphenol-free, environmentally friendly, excellent covering properties

Processing data:

Material pot life	20 minutes at 20°C
Recommended laying temperature	> 10°C (+30°C max.)
At low temperatures	slow curing
At high temperatures	fast curing
Surface usability at 20°C	Next layer in approx. 24 hours. Surface can be walked on after 24 hours. Fully cured in 7 days.

During application and creation, TopStone EP12 must not come into direct contact with water and chemicals. Do not use oil and gas burners for space heating, which produce CO₂ and water vapor. Epoxies are not UV stable. For light shades, it is necessary to apply multiple coats of paint with tinted primer.

Packaging and coverage:

The stated material consumption may vary depending on specific conditions and specific applications.

Retail packaging	5 kg – approx. 20 m ² (0.15–0.35 kg/m ²)
Wholesale packaging	25 kg – approx. 100 m ² (0.15–0.35 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:

1. Apply TopStone EP12 to the hardened surface of the colored penetration layer using the TopStone EP12 technology described below.
2. Preparation of tolls: container for mixing the two binder components according to the instructions, stirrer, steel trowel without teeth, texturing, velour, nylon or felt roller
3. Thoroughly mix both components A and B of TopStone EP12 using a slow-speed mixer for 3 minutes.
4. Process the material prepared in this way within 20 minutes at 20°C, spreading with a steel trowel without teeth and unifying the surface with a roller.
5. Apply TopStone EP12 at rising temperatures to reduce the risk of condensing air moisture on the surface of the material.

EP 12

CAUTION! Never scrape or drip mixed material from the container, there is a risk of uncured areas on the surface.



Tips for application:

1. Instruction for applying the coating: apply at a consumption of approximately 0,15 - 0,35 kg/m² with a steel trowel without teeth on the perfectly hardened TopStone primer. The final step is to inufy surface using a texturing, velour or felt roller.

Use: basements, engine rooms, technical rooms, staircases, landings, intermediate landings, horizontal traffic markings, plinth coating

2. Instructions for applying the anti-slip coating: on a perfectly cured TopStone primer or other recommended TopStone surface, apply the TopStone EP12 anti-slip coating, first mix components A and B, then add fine silica sand fraction 0.1 - 0.3 mm to the mixed mass and mix (EP12 [approx. 4:1] silica sand fraction 0.1 - 0.3 mm). Apply with a steel trowel without teeth and level the surface with a roller.

Use: surfaces with increased anti-slip requirements.

3. Instructions for painting the walls: apply with a structuring or velor roller
Sample composition of wall paint:
- tinted penetration TopStone EP01 or EP02approx. 0.20 kg/m²
- coating TopStone EP12 approx. 0.20 kg/m² (in case of lower coating coverage, apply additional layers of coating)

Use: apartment buildings, shopping centers, family homes, production halls, car repair shops, etc.

Apply TopStone EP12 immediately after mixing. If this is not done, there is a risk of spontaneous violent exothermic reaction = rapid hardening when mixing again (after more than 5-10 minutes). Clean tools and skin from uncured material with TopStone Cleaner or acetone, and remove hardened 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

Technical data:

Pot life	20 min
Compressive strength	55 MPa
Flexural strength	40 MPa
Specific weight	1,46 kg/l
Adhesion to concrete	2.97 MPa
Reaction to fire	BflS1
Slip resistance (dry - wet)	meets (≥ 0,5) according to ČSN 74 4505
Consumption	0,15 - 0,35 kg/m ²

Mixing ratio A : B by weight 4 : 1 or according to the label on the packaging.

Safety

Chemical composition - epoxy resin mixture with a specially formulated hardening system. Legal classification - ADR sl. A 9 and sl. B 8. Further information is provided in the safety data sheet. Extinguishing method - dry sand, alcohol-resistant foam, CO₂, water mist. DO NOT EXTINGUISH WITH WATER!!!

TOPSTONE s.r.o.
Družstevní 442, Hranice, 753 01
Česká republika
+420 580 582580 | 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 918459563 | info@topstone.sk
stavebnachemia.topstone.sk

PARTNER / PRODEJCE: