EUROSTEP
Posadzki i nawierzchnie syntetyczne

EUROPOX SCRATCHCOAT

DISCRIPTION:

Europox Scratchcoat is a two component, solvent-free, pigmented, self-levelling epoxy pour floor with excellent mechanical properties. A Eurostep Europox Scratchcoat can be applied beneath any Eurostep flooring system. Applicable as scratchcoat for warehouses, logistics, garages, workshops, loading docks and public areas such as laboratories, offices, corridors, canteens, schools, hospitals, showrooms, museums, city halls, et cetera.

MIXING:

Mixing ratio: Component A: Component B = 86 : 14 (parts by weight)
Add the complete contents of component B to component A and mix continuously for 2 minutes
into a homogeneous mixture.
Then pour the mixture into a clean bucket and mix again for 1 minute. This will prevent unmixed parts on the edge and/or bottom of the bucket.
To minimize air inclusions do not mix too quickly.
Air that has not been mixed in, doesn't have to come out during curing.

Mixing is preferably done with a powerful mixer such as the Eurostep WK 90 mixer on a low speed (300 – 400 RPM).

SYSTEM CONSTRUCTION:
Primer for porous substrates:
On porous surfaces use Quartzline "Primer BHH" which will penetrate the substrate and ensure a strong mechanical bond.
Primer for non-porous substrates:
Quartzline Primer GW is used on non-absorbent substrates. This primer has very good physical adhesion, especially for ceramic tiles.
Scratch coat: Eurostep Scratchcoat
Wearing Coarse: Any Eurostep flooring system.
FOR ALL SELF-LEVELING SYSTEMS THE FOLLOWING APPLIES:
After applying the primer and optional scratch coat, the surface must be sealed BEFORE the self-leveling layer is applied. This is done to avoid blisters and holes in the finishing coat.

SUBSTRATE PREPRATAION:
The substrate must be sound and sufficiently compression-resistant (at least 25 N/mm²), with a minimum adhesive strength of 1.5 N/mm². The substrate must be clean and dry and free of dirt, oil, grease and other soiling. Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.
Weak concrete and loose cementitious levelling must be removed and surface damage such as blowholes and voids must be repaired with Quartzline Epoxygel and then primed again.
All dust, loose and friable material must be fully removed from all surfaces before the product is applied, preferably using a brush and/or industrial vacuum cleaner.
The concrete or screed substrate must be primed. Uneven substrates must be levelled to achieve an even substrate. Use Quartzline Cementitious SL Underlayment or Cementitious SL Constructive. Please see respective Technical Data Sheets for more information.
If the surface is older than 48 hours, always perform a preliminary adhesion test.

APPLICATION CONDITIONS:

Substate temperature:	Minimum 10°C, maximum +25 °C
Ambient temperature:	Minimum 10°C, maxiumum +25 °C
Surface moisture content:	< 4% moisture To be tested with a carbide measurement.
Relative humidity:	Maximum 75% R.H.
Dauwpunt:	Beware of condensation!

FEATURES:
Very good mechanical resistance
Liquid proof
Solvent-free

TECHNICAL PROPORTIES:

Density (g/cm³)	1.64
Density + 25% GEBA (g/cm³)	1,73
Viscosity (mPa·s)	2000 - 2500
Shore Hardness	> D80
Electrical Conductivity	insulating
Compressive strenght (N/mm²)	> 65
Compression tensil strenght (N/mm²)	> 35
Mixing ratio	86 A - 14 B
Processing time (min.)	+/- 20
Adhesion strenght (N/mm²)	> 1,5 (Concrete facture)

PACKAGE:
Set: 25kg
Component A: 21.5 kg
Component B: 3.5 kg

FORM:
Component A: Liquid, colored
Component B : Liquid, clear transparent

SHELF LIFE:
Up to 12 months after production date in original, sealed, non-opened and undamage packaging, stored dry between +10 °C and +30 °C.

The temperature of the substrate and uncured material should be at least 3°C higher than the dew point to reduce the risk of condensation, white discoloration or stickiness (carbamate formation) on the floor finish.

CONSUMPTION:
Between 500 and 1000 grams per square meter.

REMARKS:
- Do not use Europox Scratchcoat on surfaces with rising damp.
- After application Eurostep Europox Scratchcoat must be protected from damp, condensation and water for at least 24 hours (+20 °C).
- Uneven or dirt covered substrates should not be treated with thin coatings. Both substrate and adjacent areas should always be thoroughly prepared and cleaned prior to application.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and recurrent cracking.
- Immediately process all mixed material, otherwise at the end of the processing time the flow and de-aeration will decrease.
- Use material with the same batch numbers to be sure of an exact and even color match.
- If heating is required do not use gas, oil, paraffin or other fossil fuel heaters as they produce large quantities of both CO_2 and water vapour which may adversely affect the finish. Only use electrically powered warm air blower systems when heating is needed. Switch off underfloor heating during application and for the first 48 hours, after this period you may increase the temperature gradually. Underfloor heating or high ambient temperatures, combined with a highly concentrated load, can, in certain circumstances, result in imprints in the resin.

CLEANING/MAINTENANCE:
To maintain the appearance of the floor after application, the floor system must be kept clean and all spillages removed immediately.
The floor must be cleaned regularly using a rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques etc.
Always use suitable detergents and waxes.
Clean the floor with tepid water. Never use hot water (warmer than 40 °C).

LEGAL NOTICE:

This information, and in particular the recommendations related to the application and end use of Eurostep products, is provided in good faith based on our current knowledge and experience of the products. It is valid for products that are correctly stored, treated and applied under normal conditions in accordance with Eurostep's recommendations.
In practice, differences in materials, substrates and actual on-site conditions are such that no warranty in respect of merchantability or of suitability for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.
The user of the products must test the product's suitability for the intended application and purpose. Eurostep reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the technical data sheet for the product concerned, copies of which will be supplied on request.

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CURING TIME:

Processing time at 20 °C	20 min
Touch dry at 20°C	12 hours
Can be walked at 20°C	24 hours

Check the moisture content of the surface, the R.H. and dew point before applying. Pour Europox Scratchcoat and spread evenly with a flat or toothed trowel. Preferably pour the complete contents of the bucket in 1 go to avoid a fast reaction of material left in the bucket.

HEALTH AND SAFETY:
For information and advice on the safe handling, storage and disposal of chemical products, the user should consult the most recent product safety data sheet consult, regarding the physical, ecological, toxicological and other safety-related data.

VALUE BASE:
All technical data stated in this technical data sheet is based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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