

Europox SRL

Packaging:

2 components in 25 kg set

Component A: 20,8 kg

Component B: 4,2 kg

Total Set: 25 kg

Properties:

- Liquid proof
- Near solvent free
- Easy application
- Easy to clean even antiskid
- Good chemical and mechanical resistance
- Electrical conductivity > 100 GΩ
- Viscosity 1000 - 2500 mPa.s
- Density 1,64 g/cm³
- Shore Hardness > D80
- Adhesive strength > 1.5 N/mm²
(Concrete fracture)

Description:

Europox SRL is a two part, solvent-free, pigmented epoxy roller coat for concrete and cementitious screeds with good mechanical properties.

Use Europox SRL to achieve a glossy epoxy coating finish.

Ideal for storage and logistics areas, assembly halls, workshops, garages, loading docks/ramps and agricultural applications.

Heavy duty anti-skid surfaces for underground car parks can be achieved using quartz, mandurax or granite.

Mixing:

Mixing ratio: Component A: Component B = 83,2 : 16,7

Add part B to part A and mix continuously for two minutes until a uniform mixture has been achieved. To ensure thorough mixing pour the materials into a clean second container and mix again for one minute to achieve an even consistency.

Mixing is preferably done with a power mixer on low speed, 300 to 400 RPM, with a WK90 mixer paddle.

Consumption:

Floor system	Product	Consumption
Coating	Europox SRL	~ 0,20 – 0,50 kg/m ²

Substrate:

Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.

The substrate must be sound and of sufficient compressive strength (minimum 25 N / mm²), with a minimum pull-off strength of 1,5 N/mm².

The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, previous coating and surface treatments.

The concrete or screed substrate has to be primed. If in doubt, apply to a test area first. Uneven substrates must be levelled in order to achieve an even substrate. Weak concrete and loose cementitious levelling must be removed and surface damage such as blowholes and voids must be repaired with a mixture between Sylothix and SRL.

All dust, loose and friable material must be fully removed from all surfaces before applying the product, preferably using a brush and/or industrial vacuum cleaner.

Application conditions:

Surface temperature:	Minimum 10 °C, maximum +30°C
Ambient temperature:	Minimum 10 °C, maximum +30°C
Surface moisture content: To be tested with a carbide measurement.	<4% mierzone metodą karbidową
Relative humidity:	Maximum 75 % R.H
Dew point:	uwaga na kondensację

The substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or efflorescence on the floor finish.

Remark: Low temperatures and high air humidity increase the risk of efflorescence or carbamate formation.

Application:

Potlife @ 20°C	40 minutes 10 °C
	25 minutes 20 °C
	15 minutes 30 °C
Foot Traffic @ 20°C	24 hours
Light Traffic @ 20°C	48 hours
Fully hardened @ 20°C	7 days

Check the moisture content of the substrate, the R.H. and dew point before applying the product.

Additional information:

Shelf life / storage up to 12 months after the production date in the original, sealed, unopened and undamaged packaging, stored dry between + 5 °C and 30°C.

All RAL, NCS and Sikkens colours are available. Other colours available on request.

Application at different stages and combining different batch numbers in one project could result in a slight colour difference, to avoid this order all materials for your project at the same time.

Discoloration and color deviation can occur, this will not affect the functionality or performance.

Remarks :

Do not apply the Europox SRL on substrates with rising moisture.

After application Europox SRL must be protected from damp, condensation and water for at least 24 hours.

For areas with limited exposure and normal absorbent concrete substrates priming is not necessary for roller coating systems.

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.

Mixed materials must be processed immediately as flow and defoaming will be reduced when pot-life expires.

The incorrect assessment and treatment of cracks may lead to reduced service life and reflective cracking.

For exact colour matching, ensure that the Europox SRL is applied in each area from the same control batch number.

Under certain conditions, underfloor heating combined with high point loading, may lead to imprints in the resin.

If heating is required do not use gas, oil, paraffin or other fossil fuel heaters. These produce large quantities of both CO₂ and water vapour which may adversely affect the finish.

For heating, only use electric powered warm air blower systems.

Do not use any underfloor heating during application or for the first 48 hours, after this period you may increase the temperature gradually.

Health and Safety Information:

For information and advice on the safe handling, storage and disposal of chemical products, the user should refer to the latest safety data sheet containing physical, environmental, toxicological and other safety-related data.

Legal Notices:

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