EUROSTEP
Posadzki i nawierzchnie syntetyczne

TECHNICAL DATA SHEET

Reference: TDS

Version: 1.0

EUROPOX WA AN

DESCRIPTION:

Europox WA AN is a 2-component, water-based primer with conductive properties based on epoxy resin. Suitable as a conductive layer underneath EUROPOX SLR AN.

CONSUMPTION:

Coating system	Product	Consumption
Primer	Primer BHH Primer GW Europox Z Slow	200 - 400 g/m^2 100 - 150 g/m^2 200 - 400 g/m^2
Scratchcoat	SL-EP Scratchcoat	500 - 1000 g/m^2
Conductive primer	EUROPOX WA AN	80 - 100 g/m^2
Finish coat	Europox SLR AN	3 – 3,5 kg/m^2

APPLICATION CONDITIONS:

Substrate temperature:	Minimum 10°C, maximum +30 °C
Ambient temperature:	Minimum 10°C, maximum +30 °C
Relative humidity:	Maximum 75% R.H.
Dauwpunt:	Beware of condensation!

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.

It is important to have adequate ventilation and create air circulation. Uneven application and insufficient ventilation can lead to an increase in resistance.

SUBFLOOR:

Over the primed subfloor we recommend first applying an SL-EP Scratchcoat under the Europox WA AN so that the subfloor is sufficiently flat.

Then the copper tape is glued after which the antistatic primer Europox WA AN is applied.

COPERTAPE:

A floor field is a one-piece, uninterrupted portion of a floor. A dilation, for example, is an interruption such that there are two different floor fields to the left and right of the dilation.

FEATURES:

Solvent-free
Good adhesion stregth to the substrate
Easy to apply
Water-based
Electrically conductive
Low consumption
Low smell

TECHNICAL PROPERTIES:

Density (g/cm^3)	Approx. 1.15
Viscosity (mPa.s)	Approx. 1000
Conductivity (KΩ)	<200
Mixing ratio	17,6 A - 82,4 B
Processing time (min.)	+/- 30
Adhesion strength (N/mm^2)	> 1,5 (Concrete fracture)

PACKAGE:

Set: 5kg , 10kg
Component A: 0,88kg , 1,76kg
Component B: 4,12kg , 8,24kg

FORM:

Component A: Liquid, clear transparent
Component B : Liquid, black

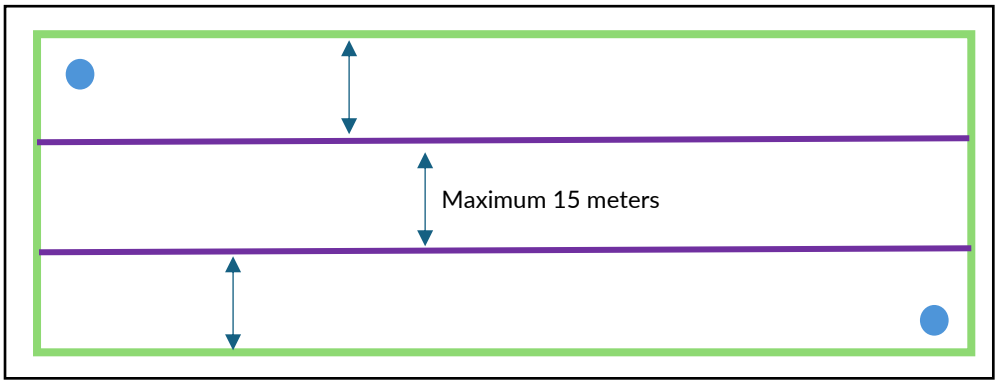
SHELF LIFE:

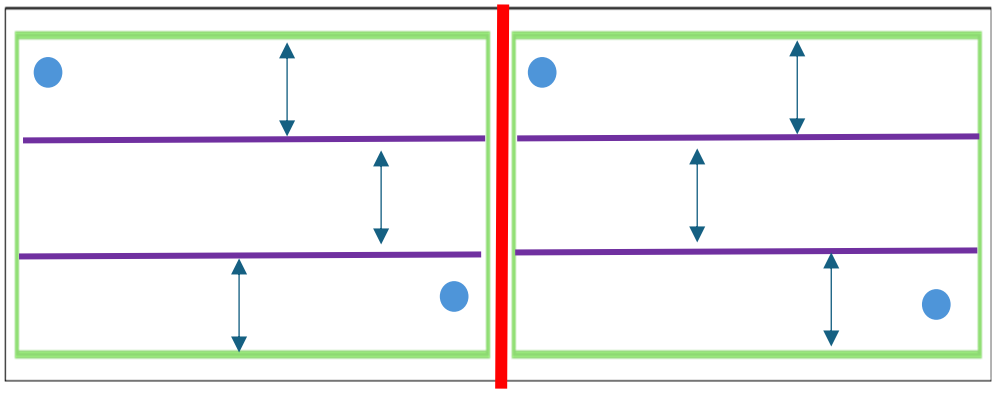
Up to 12 months after production date in original, sealed, non-opened and undamage packaging, stored dry between +10 °C and +30 °C.

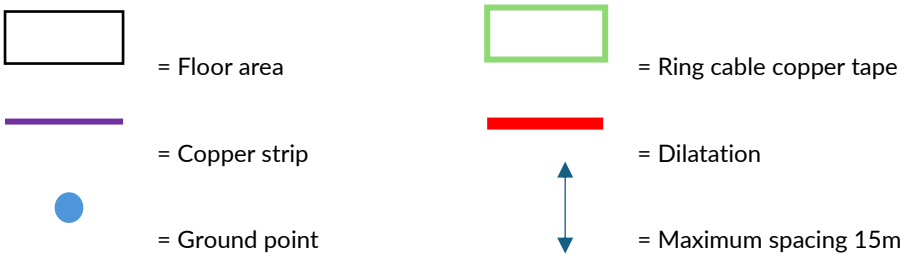
After applying the primer and scratchcoat, we drill a hole about 8mm wide and 50mm deep. After this we vacuum-clean everything and glue a copper strip of about 10 cm long to the left and right of the hole. We also provide the hole with an 8 mm plug into which we screw a threaded pin with a hexagonal key to about 16 mm above the floor surface. On top of this we put a large locking ring that fits over the copper strips and on top of this a smaller locking ring that can firmly press the large one once you tighten it with the matching nut. To protect the screw threads, we put an appropriate tube over this and apply the Europox WA AN and on top the Europox SLR AN.
Remove the tubing, connect the earth cable with a wire eye and secure with a self-locking nut.

At least two grounding points are provided per floor field and a loop is installed 10 cm from the edge. After this, strips are realized at intervals of up to 15 meters. Press the copper strip well with a rubbing roller.

Examples:







MIXING:

Mix up Component-B and then mix Component-A with it. Mix for 1 minute until homogeneous and transfer to a clean bucket and then mix again for 1 minute. MINIMUM 2 minutes of mixing in total.

APPLICATION:

Apply along the sides with a brush and refill with a 10 cm nylon roller. Then immediately fill in the rest with a 25 cm or 50 cm roller. Keep the designated layer thickness in this well. Do not roll too thick, avoid puddles. Spread the material well so that the substrate is completely wetted.

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CURING TIME:

Processing time at 20 °C	Approx. 30 min
Dust-dry at 20°C	Approx. 3 hours
Recoatable at 20°C	Approx. 6 hours

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.

IMPORTANT REMARKS:

- Low temperatures delay curing.
- Povide adequate ventilation, install dryers if necessary.
- Watch for and avoid strong air currents such as drafts.
- Provide a good processing temperature between 18 °C and 22 °C is ideal.
- Avoid large temperature differences, this can lead to a temperaure shock which adversely affects the final result..
- Measure the resistance of EUROPOX WA AN before applying EUROPOX SLR AN

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