

EUROPOX SLR AN

DISCRIPTION:

Europox SLR AN is a 2-component, epoxy self-leveling floor with conductive properties. Applied as a conductive casting layer on top of Europox WA AN. Available in various colors.

Applied in areas where low electrostatic charging and an electrically conductive surface (ESD floor) is required such as in computer and technical areas, microbiology and chemistry laboratories, medical areas, production areas for electronic components, production areas with sensitive electronic equipment and cleaning rooms.

CONSUMPTION:

Coating system	Product	Consumption
Primer	Primer BHH	200 - 400 g/m ²
	Primer GW	100 - 150 g/m ²
	Europox Z Slow	200 - 400 g/m ²
Scratchcoat (optional)	SL-EP Scratchcoat	500 - 1000 g/m ²
Conductive primer	Europox WA AN	80 - 100 g/m ²
Conductive layer	Europox SLR AN	3 - 3,5 kg/m ²

APPLICATION CONDITIONS:

Substate temperature:	Minimum 15°C, maximum +30 °C
Ambient temperature:	Minimun 15°C, maxium +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.

SUBSTRATE PREPARATION:

Primer Europox WA AN must be tack-free and walkable before application of the Europox SLR AN. Measure the resistance of the Europox WA AN before applying the Europox SLR AN.

Do not sand the primer Europox WA AN and be careful not to damage the copper tape.

MIXING:

Mix Component-A and then mix Component-B into it. Mix for 1 minute until homogeneous and pour to a clean bucket and then mix again for 2 minutes. MINIMUM 3 minutes of mixing in total.

FEATURES:

- Solvent-free
- Impact, shock and abrasion resistant
- Good mechanical properties
- Self-levelling
- Electrically conductive
- Good resistance to chemicals
- Easy to clean
- Carbon Fiber Free

TECHNICAL PROPERTIES:

Density (g/cm ³)	Approx. 1.65
Viscosity (mPa.s)	2000 - 2500
Meets the following ESC standards:	
IEC 61340-4-1	
IEC 61340-4-5	
IEC 61340-5-1	
Solid Dust	100 %
Shore Hardness	> D80
Compressive Strenght (N/mm ²)	> 65
Compression tensil strenght (N/mm ²)	> 35
Mixing ratio	86 A - 14 B
Processing time (min.)	+/- 30
Adhesion strenght (N/mm ²)	> 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 to yellowish

For 1 project, always order all materials at once.

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.

APPLICATION:

Apply the self-leveling floor on top of the Europox WA AN primer within 24 hours. Pour the mixed material on the substrate and spread with a stainless steel trowel, notched trowel or squeegee and apply a layer approx. 2 mm thick.

IMPORTANT REMARKS:

- Primer Europox WA AN must be tack free and walkable before application of the Europox SLR AN.
- Measure the resistance of the Europox WA AN before applying the Europox SLR AN
- Low temperatures slow down the curing process.
- Watch out and avoid strong air currents such as drafts.
- The best temperature conditions are between 18 °C and 22 °C.
- Avoid large temperature differences during curing, this can lead to temperature shock which may adversely affect the final result.

CURING TIME:

Processing time at 20 °C	Approx. 20 min
Can be walked on at 20°C	Approx. 24 hours
Fully loadable at 20°C	7 days

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.

For more information about the Eurostep products or for technical advice, please contact:

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