WERIPOX® 121 Leveling coating

2 component non-slip, self-levelling epoxy resin floor coating and floor topping

Description

Usage as flat or non-slip decorative floor with high mechanical and chemical load.

Main field of application are production halls, warehouses and factories of the food industry as well as the chemical and pharmaceutical industry, furthermore showrooms and garages.

Resistant against grease, oil, solvents, a huge number/multitude of lye, thinned acids, water, seawater, industrial effluent.
(Detailed information on demand)

Yellowing in UV-exposed areas does not affect technical properties.

Product data

Mixing ratio (weight)	5 : 1
Solids	100 %
Density at 23°C	1.44 g/cm^3
Viscosity (DIN 6 cup)	50 sec
Pot life at 23°C	35 min
Processing temperature (min)	10°C
Light traffic use at 23°C	ca. 24 hours
Full traffic use at 23°C	after 7 days
Arrest tensile strength	concrete burst
Compression strength	92 N/mm^2
Tensile strength	42 N/mm^2

Low temperatures extend the time of material treatment and hardening whereas higher temperatures shorten the process.

Substrates

The surfaces should have minimum compression strength of 25 N/mm^2 and minimum tearing strength of 1.5 N/mm^2. The humidity of the surface must not be above 4%. Floor plates have to be appropriately protected against rising humidity. The subsoil temperature has to be at least 3°C above dew point.
The treated surfaces have to be clean, dry and absorbent. Cement silts, loose or short particles, rests of paint, seceding substances like oil, grease, etc. have to be removed by grinding, sand-, flame-, or steel ball jetting. Afterwards remove dust thoroughly, preferably with an industrial vacuum cleaner.

Kunstharzsysteme
www.weripox.com
info@weripox.com

WEBER BAUCHEMIE
Baarstraße 166 – 58636 Iserlohn – Germany
Tel.: +49 23 71/94 49 81 – Fax: +49 23 71/94 49 84

Working instructions

The components A (resin) and B (hardener) are delivered in a well-balanced ratio of mixture. Pour Comp B (hardener) completely into Comp A (resin), then accurately mix with a slow running stirring-device.
WERIPOX® 121 can be coated with roller, squeegee or scoop.
Generally it is recommended to degas the covering with a tractor, carefully and extensively.
For higher layer thickness WERIPOX® 121 can be mixed with quartz sand (0.1-0.3 mm) at the ratio 1:0.5.

System suggestions:

Flat coating 0.5-2 mm
Priming WERIPOX® 101 ca. 250 g/m^2
Coating WERIPOX® 121 1.5 kg/m^2/mm

Non-slip coating
Priming WERIPOX® 101 ca. 350 g/m^2
Strewing with quartz sand 0.2-0.6 mm (R11) or 0.7-1.2 mm (R12)
Coating WERIPOX® 121 0.7-1.0 kg/m^2

While working use protection gloves and hand cream.
Take notice of the security advice on the label.

Terms of delivery

Standard colours	approx. RAL 1002, 7005, 7016, 7023, 7032, 7040
Packing	6 kg, 12 kg, 30 kg, others on demand
Storage	dry and cool

Updated: 6.08.2004

Kunstharzsysteme
www.weripox.com
info@weripox.com

WEBER BAUCHEMIE
Baarstraße 166 – 58636 Iserlohn – Germany
Tel.: +49 23 71/94 49 81 – Fax: +49 23 71/94 49 84