

60120 KANEPOX SEALER-120

PRODUCT DESCRIPTION

60120 KANEPOX SEALER-120 an epoxy-modified polyamide based two component, solvent free concrete surface primer with low viscosity, excellent elasticity and wetting properties. It could be applied on moist concrete.

RECOMMENDED USE

- It is used to wet the concrete substrate and increase adhesion before applications of epoxy mortars, epoxy self leveling screeds, epoxy laminates or epoxy topcoat.
- It is used as a binder for leveling, repair mortar preparation.
- It is used as a binder for epoxy mortar preparation.
- It is used to bridge cracks by mixing with silica sand.

Complies with the requirements of LEED V4 – Low Emission Substances (substances with a maximum VOC content of 250 g/l)

PRODUCT CHARACTERISTICS

Finish: Transparent	Theoretical consumption (lt/m ²) 0,15-0,4
Colour: Colourless	Flash Point >100°C
Thinner: -	VOC (Volatile Organic Content) 0 g/l
Mixing Ratio (By Weight) 2 Parts A Comp. + 1 Parts B Comp.	Application Systems Airless, Roller
Mixed Product; Volume Solids (%) 100	Pot Life 60 minutes (10°C) 40 minutes (20°C) 30 minutes (30°C)
Density (g/ml) 1,0±0,10	

DRYING SCHEDULE(*)

(0,15-0,4 lt/m²)

	Dry to Touch	Hard Dry	Dry to Over Coat Minimum
10°C	18 hours	36 hours	30 hours
15°C	10 hours	20 hours	16 hours
25°C	7 hours	14 hours	12 hours
35°C	5 hours	10 hours	7 hours

Drying values are valid for defined dry film thickness and below 90% relative humidity.

Fully Cured: 7 days (20°C)

(*) Drying time depends on temperature, humidity and film thickness.

PACKAGING

One kit of **60120 KANEPOX SEALER-120** is 14,25 lt.

One pail of **60120 KANEPOX SEALER-120** component A is 9,35lt.

One can of **KANEPOX HARDENER 0375** component B is 4,90lt.

SHELF LIFE

Part A - 12 months, Part B - 12 months when the material is stored indoors at 5 to 35°C in unopened original containers.

HEALTH/SAFETY PRECAUTIONS

Refer to the MSDS sheet prepared according to EU directives before use.

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SURFACE PREPARATION

Surface shall be undamaged, smooth and dry. Remove all loose and friable materials, dust, oil, paint leftover and cement laitance from the surfaces. Repair cracks and defects. Abrade and wipe cenet shell, bright screed on concrete surface with equipments such as hacking machine, wiping machine and impact machine. Remove all dust from the surface by using industrial type vacuum cleaner.

APPLICATION PROCEDURES (Mixing Procedure)

This is two-component paint. Do not mix more material than you plan to use within the listed potlife. Complete containers must be mixed at one time. DO NOT MIX PARTIAL QUANTITIES FROM CONTAINERS OR PROPER COMPONENT RATIOS MAY NOT BE OBTAINED. Prior to mixing, components A Base and B Hardener should be at room temperature (15-35°C, 25°C recommended). Combine 1 part by weight of Part B Hardener with 2 parts by weight of Part A Base. Homogenize the mixture with a power mixer. Mixed product must be used within 80 minutes (20°C) without an induction time.

MIXING RATIO (By Volume)

2 Part A Comp. + 1 Part B Comp.

APPLICATION CONDITIONS

Concrete pressure resistance
min. 25 N/mm²

Concrete surfaces moisture content
Drying time increases with increasing moisture content

Relative humidity of air
max 90:%

Concrete surface temperature
min. 10°C and max. 40°C.

APPLICATION

Concrete surfaces contacting with sand should be isolated against water and water vapor. New concrete surfaces should be cured at least 28 days. Dew point should be controlled during application.

MIXTURE PAINTCONSUMPTION

As an impregnation primer
60120 KANEPOX SEALER-120 150-400 g/m²

As a level balancing cement mixture
60120 KANEPOX SEALER-120 300 g/m²
0,1-0,3 mm quartz 300 g/m²

6-7 mm epoxy mortar cement mixture
60120 KANEPOX SEALER-120 1,5 kg/m²
0,1 - 0,6 mm quartz 4,8 kg/m²
0,6 - 2 mm quartz 7,2 kg/m²

Prepared mixture should be applied to surface with roller or airless until surface is saturated. Recoating interval should be minimum 8 hours (20°C) and maximum 4 days. It is very important that second coat should be applied at specified time. Complete chemical and mechanical resistance are obtained after 7 days curing.

CLEAN UP

KANAT THINNER 0644

APPLICATION EQUIPMENT

(The table is a guide for 20°C)

Application Equipment	Airless Spray	Roller/ Brush
Thinner maximum (% by weight)	–	–
Pressure minimum (bar)	150	–
Nozzle(inch)	0,015-0,021	–

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