

61400 KANFLOOR TOPCOAT

PRODUCT DESCRIPTION

61400 KANFLOOR TOPCOAT is an epoxy-polyamine based, two component, high build topcoat of floorings designed to protect concrete surfaces. It is specially designed to exhibit a textured surface appearance to provide anti-slip properties.

RECOMMENDED USE

Topcoat of monolithic flooring systems to be applied from light industrial areas to heavy loads;

- Warehouses.
- Factories.
- Aircraft hangers.
- Parking garages.
- Plant rooms.

It is also used as a coating to increase mechanical, chemical and water resistance of walls.

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

PRODUCT CHARACTERISTICS

Finish: Semi-Gloss	Density (g/ml) 1,60±0,10
Colour: Wide range of colours available	Spreading Rate (m²/l) 8,00 (100 microns DFT)
Thinner: Kanat Thinner 0620 (Low Temp.) Kanat Thinner 0625 (High Temp.)	Flash Point 41°C
Mixing Ratio (By Volume) 16 Parts A Comp. + 4 Parts B Comp.	VOC (Volatile Organic Content) 206 g/l
Mixed Product; Volume Solids (%) 80±2	Application Methods Airless Spray, Trowel / Roller
	Pot Life (20°C) 4 hours

DRYING SCHEDULE(*)

(100 microns/4 mils film thickness)

	Dry to Touch	Hard Dry	Dry to Over Coat Minimum
5°C	12 hours	24 hours	24 hours
15°C	8 hours	16 hours	16 hours
25°C	6 hours	12 hours	12 hours
35°C	4 hours	8 hours	8 hours

Drying values are valid for defined dry film thickness and below 85% relative humidity.

Fully Cured: 7 days (20°C)

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

PACKAGING

One kit of **61400 KANFLOOR TOPCOAT** is 20 l.

One pail of **61400 KANFLOOR TOPCOAT** component A is 16 l.

One can of **KANEPOX HARDENER 0341** component B is 4 l.

SHELF LIFE

Part A–1 year, Part B–1 year when the material is stored in a cool and dry place 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

Multilayer system must be applied before application of the topcoat.

APPLICATION PROCEDURES (Mixing Procedure)

This is two-component paint. Do not mix more material than you plan to use within the listed pot life. 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. Combine 4 parts by volume of Part B Hardener with 16 parts by volume of Part A Base. Homogenize the mixture with a power mixer, add thinner if necessary before use. Mixed product must be used within 4 hours (20°C).

MIXING RATIO

Base 61400 : Curing Agent 0341
4 : 1 by volume

APPLICATION CONDITIONS

For the best results;

Temperature must be more than 5°C during the application and/or the curing process.

Surface Temperature: At least 3°C above dew point.

Relative Humidity: 85% maximum.

Good ventilation is required during application.

APPLICATION

It is applied in one coat with a steel trowel or squeegee. When the surface is wet, it should be smoothed with a roller.

CLEAN UP

**KANAT THINNER 0644, KANAT THINNER 0620,
KANAT THINNER 0625**

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APPLICATION EQUIPMENT

(The table is a guide for 20°C)

Application Equipment	Airless Spray	Trowel/Roller
Thinner maximum	%5	—
Pressure minimum (bar)	150	—
Nozzle(inch)	0,015-0,021	—

PRECAUTIONS

- Condensation forming on the coating during early times of curing may result in longer cure times, solvent entrapment, premature failure, discoloration or a surface haze or blush that must be removed before recoating.
- High temperatures decrease resistance properties of epoxy based products. Epoxy based products also have a tendency to yellowing, chalking and have limited gloss retention on exterior surfaces.
- Concrete to be coated contacting soil shall be isolated against water and water vapour, new concrete shall complete curing period of 28 days.
- Dew point shall be controlled during application.

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