



EPOXY FLOORING 33820

CURING AGENT 63822

Description: BAJAK'S 33820 is a two component epoxy flooring base on epoxy and polyamine resins with an excellent abrasion resistance on concrete surface.

Recommended use: As a flooring on sealed indoor concrete surface.

Service temperature: Dry : Maximum 80°C Wet: Maximum 50°C

PHYSICAL CONSTANTS:

Colours/Shade no: Light Green
 Finish: Gloss
 Volume Solids: Min. 97%
 Weight Solid: Min. 98%
 Theoretical spreading rate: 1.0 m²/liter – 1000 mic. Dft.
 Flash point: >100°C
 Specific gravity: 1.4-1.45 kg/liter
 Surface dry: Max. 8 hours at 20°C (ISO 1517)
 Dry to touch: Max. 24 hours at 20°C
 Fully cured: 7 days at 20°C
 V.O.C: Max. 40 gr/liter

Shelf life: 1 years (25°C/77°F) from time of production. Depending on storage condition, mechanical stirring may be necessary before usage.

APPLICATION DETAILS:

Mixing ratio for 33820: Base 33820: 4 by weight
 Curing agent 63822: 1 by weight

Application method: Blade and roll
Thinner (max.vol.): Not recommended
Pot life: 30 min. (20°C/68°F) 50 milliliter
Cleaning of tools: S1040
Indicated film thickness ,dry: 1000 microns
Indicated film thickness ,wet: 1000 microns
Recoat interval, min: 24 hours (20°C)
Recoat interval, max: 7 days (20°C) , See REMARKS overleaf

2.EPOXY FLOORING 33820

APPLICATION AND CURING CONDITIONS: The surface must be completely clean and dry at the time of application. And its temperature must be above the dew point to avoid condensation. Minimum temperature for curing is 15°C/59°F.

At the freezing point and below, beware of the risk of ice on the surface which will hinder the adhesion. High humidity and/or condensation during application and the following 16 hours (20°C/68°F) may adversely affect the film formation. Maximum concrete moisture content should be 4%.

In confined spaces provide adequate ventilation during application and drying.

PRECEDING COAT: BAJAK'S EPOXY SEALER 15026 OR 33620

SUBSEQUENT COAT: None.

REMARKS:
Film thicknesses: May be specified in another film thickness than indicated depending on purpose and area of use.
This will alter spreading rate and may influence drying time and recoating interval. Normal range is 1000 microns/40 mils.

Thinning: Not recommend.
Physical property:

Type of Physical property:	Result	Unit	Standard
Pressure strength	800	Kgf/cm ²	ASTM D695M
Elongation strength	350	Kgf/cm ²	ASTM D638M
Hardness persos	250	Sec	ASTM D4366
Abrasion Resistance	50 mg	1000 cycle	ASTM D4060
Adhesion pull off	200	MPa ON STEEL	ASTM D4541

A completely clean surface is mandatory to ensure intercoat adhesion, especially at long recoating intervals. Any dirt,oil,and grease have to be removed, e.g. with suitable detergent.

Salts to be removed by fresh water hosing. To check an adequate quality of the surface cleaning a test patch is recommended before actual recoating.

SAFETY: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BAJAK material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance swallowed. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

Issued: June 2020