

POLYURETHANE FLOORING 74550

CURING AGENT 63055
Formerly 53555

Description: Polyurethane flooring 74550 is a two component Polyurethane flooring based on special polyol and Isocyanate resins with an excellent abrasion resistance and gloss on concrete surface.

Recomm ended use: As a flooring on sealed indoor concrete surface.

Service temperature: Dry: Maximum 80°C

PHYSICAL CONSTANTS:

Colors/Shade: Light Grey
Finish: Gloss
Volume Solid: Min. 98%
Weight Solid: Min 98%
Theoretical spreading rate: 1.0 m² /liter 1000 Mic. Dft.
Flash point: 96°C
Specific gravity: 1.4 – 1.45 kg/liter
Surface dry: Max. 16 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.: 0 gr/liter
Shelf life: 1 Year (25°C) from time of production. Depending on storage condition, mechanic stirring may be necessary before usage. 6 months for Hardner.

APPLICATION DETAILS:

Mixing ratio for 53555 Base 74550 : Curing agent 63055
4 : 1 by weight
Application method: Blade and roll
Thinner (max. vol.) Not recommend
Pot life: 50 min. (20°C) 50 milliliter
Cleaning of tools: 08050
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

Issued: Feb.2016

POLYURETHANE FLOORING 74550

**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 -5°C.

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 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 23020

**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.

Thinning:

Not recommend.

Physical property:

| Type of Physical property: | Result | Unit | Standard |
|----------------------------|--------|---------------------|------------|
| Pressure strength | 600 | Kgf/cm ² | ASTM D695M |
| Elongation strength | 250 | Kgf/cm ² | ASTM D638M |
| Hardness shore D | >50 | Shore D | ASTM D2240 |
| Abrasion Resistance | <25 mg | 1000 cycle | ASTM D4060 |
| Adhesion pull off | 500 | Psi | 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:

Feb.2016