



BAJAK POLYURETHANE 73556

CURING AGENT 63055

Description: BAJAK POLYURETHANE 73556 is a two component sprayable high solid Polyurethane based on special polyol and aromatic Isocyanate resins with an excellent abrasion resistance and flexibility on primed concrete and steel surfaces.

Recommended use: As lining on sealed concrete and buried steel substrates.

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

PHYSICAL CONSTANTS:

Colors/Shade No: Light Grey RAL 7035/7153
Finish: Glossy
Volume Solid: 90% (Curable material)
Weight Solid: 93% (Curable material)
Theoretical spreading rate: 2.6 m²/liter 350 Mic. Dft.
Flash point: 26°C
Specific gravity: 1.20 – 1.3 kg/liter
Surface dry: Max. 16 hours at 20°C (ISO 1517)
Dry to handle: Max. 24 hours at 20°C
Fully cured: 7 days at 20°C
V.O.C.: 85 gr/liter
Shelf life: Base : 1 Year (25°C/77°F) from time of production. Depending on storage condition, mechanical stirring may be necessary before usage.
Hardner : 6 Mounth (25°C/77°F) from time of production..

APPLICATION DETAILS:

Mixing ratio for 73555 Base73555 : Curing agent 63055
3 : 1 by weight
Application method: Airless spray
Thinner (max. vol.) Not recommend
Pot life: 30 min. (25°C / 77°F)
Cleaning of tools: 08050
Indicated film thickness, dry: 350 microns
Indicated film thickness, wet: 400 microns
Recoat interval, min: 24 hours (20°C)
Recoat interval, max: 7 days (20°C), See REMARKS overleaf

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APPLICATION AND CURING CONDITIONS:

CONCRETE : The surface must be completely clean and dry at the time of application and its temperature must be min 5 °C above the dew point to avoid condensation. Minimum temperature for curing is 5°C/41°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%.

STEEL : abrasive blast to SA2½ and minimum roughness of 60 µm.

In confined spaces provide adequate ventilation during application and drying.

PRECEDING COAT:

BAJAK'S EPOXY SEALER 15026 for concrete

BAJAK'S EPOXYPRIMER 15300 for steel

SUBSEQUENT COAT:

None or BAJATHANE 55210 for decorative purposes or outdoor uses.

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 350microns/14 mils.

Thinning:

Not recommend.

Physical property:

DFT 2x350 micron

Type of Physical property:	Result	Unit	Standard
Pressure strength	600	Kgf/cm2	ASTM D695M
Elongation at break	Min. 12	%	ISO 527
Hardness (Persoz)	Min. 200	Sec	ASTM D4366
Abrasion Resistance	Max. 25 mg	1000 cycle CS17	ASTM D4060
Adhesion pull off on steel (Min.)	> 1500	Psi	ASTM D4541
Shore hardness	60-70	Shore D	ASTM 2240
Flexibility	≥5	%	EN10290-Annex K
Cathodic disbondment (30 days/23 °C)	≤8 length	mm	EN10290-Annex E
Specific coating resistivity (100 days/23 °C)	≥10 ⁸ (1000 mic dft)	Ωm ²	EN10290-Annex F

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.

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