



IPAPUR GB

Economic, sturdy,-tough-elastic PU-coating

Product Specifications:

For elastic, crackbridging coatings on concrete – cement pavements and melted-asphalt, (melted-asphalt only in interiors), with existing cracks or where crack-formation is to be expected.

On balconies, terraces, footpaths etc
Especially well-suited for repair-work of old, worn-out pavements.

Operation (qualities).

After mixing, the components will cure into a hornlike, thermoset plastic material characterized by high pressure, bending tension, adhesion strength, and shear resistance values.

Product-data.

Coating system setup:

Industry-pavements, balconies, terraces

Prime coat

inside application:

1 X Patching WITH IPAPOX B/DB
CONSUMPTION 0,3–0,5 KG/M²
Cover with approximately 1,0 kg/m² quartz-sand, 0,4– 0,7 mm.

Outsides:

1 –2 X Patching WITH IPAPOX B/DB
CONSUMPTION 0,3–0,5 KG/M² per layer Cover with approximately 1,0 kg/m² Quartz-sand 0,4–0,7 mm.

Top-Coating:

1 x IPAPUR GB, consumption: 0,6 1,5kg/m² possibly
2:1 mixed with quartz-sand 0,1-0,4mm Cover with approximately 1,0 kg/m² quartz-sand, 0,4– 0,7 mm.

Top Sealing:

1 X IPAPUR VS, approx. 0,3 kg/m²
For light stable sealing use IPAPUR VS/Le

Processing

Nature of the underground

Substrates must be solid, clean and free from dust, oil and/or grease. Use IPAPOX VA to solidify, if necessary several times, any soft and/or porous substrate. The surface must be fine-gripping, strong and dry (maximum 4% moisture-contents), and free from dusting or spillings. THE adhesion strength may not be under 1,5 N/mm².

Surface-preparation:

Not sufficiently strong screeds and greasy contaminations must be removed mechanically.

Mixing

Begin with mixing up Comp. I intensively 3min.) Then pour Comp. II into Comp. I and mix with at electric stirrer (approx. 300–400 r.p.m.). The duration of mixing amounts to at least 3 minutes and is finished when a homogeneous colour of the mixed material is achieved. Pour mixed material into at clean vessel, and mix again shortly.

Technical data:

Character	Test	Curing	Data
Ratio			4:1 parts by weight
Density	DIN 53 217		Approx. 1,2 kg/l
Solid-salary	DIN 53 216		Approx. 100%
SHORE Hardness A/D	DIN 53 505	7 d at 23°C	80-83/45
Elongation at break	DIN 53 504	7 d at 23°C	Approx. 100%
Tear strength	DIN 53 504	7 d at 23°C	Approx. 5 N/mm ²
Storage:	dry, with temperatures not over 30 °C and with direct suninsulation		
Shelf-life:	6 months in unopened containers		
Delivery-form:	10 and 20 kg net		
Resistance Mechanically:	crackbridging (unfilled) > 0,4 mm with 2 mm layerthickness.		
Chemically:	PERMANENTLY resistant.. against water, watery saltsolutions, gas, fuel oil, lyes, cleaning- and disinfectants, beer, wine and fruit juices and others		
Thermal:	Moist and dry heat short-term until + 80°C.		

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Processing-methods:

The mixed material is poured onto the prepared surface and broadcasted with a trowel or a squeegee.

At vertical and sloping surfaces IPAPUR GB must be mixed with 2-3 weights -% of thickener. The fresh coating must be backrolled to relieve air bubbles

Hints to the priming of exposed (weathered) substrates:

The primer (IPAPOX B/DB) must be applied by brush to achieve a good filling of the pores in the substrate. Then the primer is covered with 0,8–1 kg/m² quartz-sand 0,4–0,7 mm: evenly. Loos sandgrains must be removed after curing. Then role on the 2nd layer of primer and also cover with 0,8 kg/m² quartz-sand 0,4–0,7 mm . Work with falling temperatures. Observe waiting times!

Air - and underground-temperatures: -

Minimal	+ 10°C, at least however + 3°C over point of condensation,
Maximum	+ 30°C.
Relative humidity	maximum 80%.

Respect:

With low temperatures and high rel. humidity, an oily -film can occur on the coating. This film deeply affects the adhesion to the following coating and must be removed by suitable cleaning-measures.

Waits between the operation:

	+ 10°C	+ 20°C	+ 30°C
IPAPOX B/DB min	24hrs.	24 hrs.	16 hrs
maximum	4 days	4 days	2 days
IPAPUR GB min	2 days	1 days	1 days
maximum	4 days	2 days	2 days

The primer must be cured tack-free!,

Curing times:

IPAPUR GB	+ 10°C	+ 20°C	+ 30°C
Walk-in	2 days	1 days	1 days
Light load	4 days	2 days	2 d
Full load	10 days	7 days	7 days

Cleaning of the equipment. IPA Aktivreiniger

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