

RECKLI[®] PUR Seal B75

RECKLI PUR Seal B75

Product 07085

Edition 01/23

one-component polyurethane sealant

PROPERTIES

RECKLI PUR Seal B75 is a liquid, solvent-containing one-component polyurethane sealant, ready for use, with a particularly high solid content and low viscosity. It hardens in contact with humidity. When dried, it shows high abrasion-resistance, high impact resistance and high chemical resistance. On exposure to light, particularly direct sunlight, it is not resistant against yellowing. However, its chemical and mechanical properties are not affected thereby.

APPLICATIONS

RECKLI PUR Seal B75 is suitable as a transparent and hard-wearing sealing for concrete floors and screeds, such as car parks, workshops, warehouses or cellar rooms. By sprinkling variegated sand or colour flakes onto the wet coating, non-slip and decorative floors are achieved.

In particular, RECKLI PUR Seal B75 can be used for sealing slabs, plywood, chipboards or wooden beams in the concrete industry. The sealed surfaces effect a better quality of the concrete parts and an easier demoulding. Furthermore, the economic efficiency of the sealed formwork is increased by their higher durability.

RECKLI PUR Seal B75 is not suitable for non-absorbent substrates, such as glazed clinker, ceramic or terrazzo. It is also not suitable for sealing steel shutterings.

TECHNICAL DATA

property	value	method
appearance:	transparent brown liquid	
density:	1,04 g/cm ³	ISO 2811
solid content:	75 %	by weight
flash point:	approx. 45 °C	DIN 51755
viscosity (flow time):	22 s	DIN 53211-4
workable temperature:	+5 °C – +35 °C	
dust-dry after:	60 – 70 min	
tack-free after:	90 – 100 min	
earliest recoatability:	2½ h	
latest recoatability:	24 h	
earliest mechanical loading:	7 – 8 h	
heat resistance (dry heat):	+80 °C	

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abrasion (Taber abrasion test):	12 mg	DIN 53754
König pendulum hardness (1 day):	130 s	DIN 53157
König pendulum hardness (7 days):	180 s	DIN 53157

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These data are typical guide values. They are not destined for the generation of specifications.

SURFACE PREPARATION

The substrate must be absorbent, stable, sound, dry, clean and free of oil, grease or wax. Cement laitance has to be removed by grinding or by the use of acids. In case of doubt, we recommend the preparation of a representative test area.

PROCESSING

For priming, RECKLI PUR Seal B75 can be diluted with RECKLI EK-PU-Thinner up to 50 %, depending on the surface's absorbency. On highly absorbent substrates, it is recommended to apply RECKLI PUR Seal B75 un- or weakly diluted. Vice versa, it should be used in a higher dilution on less absorbent surfaces.

RECKLI PUR Seal B75 should be applied in several thin layers by brush, paint roller or rubber blade. The application of thick layers or the formation of puddles causes rough surfaces, bubbles or craters.

CONSUMPTION

Approx. 100 –200 g/m² per application, depending on the type of substrate.

CLEANING OF EQUIPMENT

The tools and the equipment can be cleaned with RECKLI EK-PU Thinner. Immersion in solvents is not sufficient.

PACKAGING SIZES

cans: 5 kg | tins: 1 kg.

STORAGE

Store in a dry, well ventilated place at room temperature. Keep the container tightly-closed; do not expose to direct sun irradiation. Keep away from any sources of ignition, do not smoke. RECKLI PUR Seal B75 is storable for 6 months from delivery when kept in the closed original packaging at about 18 °C. Opened drums must be closed airtight right after use. Partial amounts, once taken from the package, must not be returned into the container.

VOC COMPLIANCE STATEMENT

According to Directive 2004/42/EU RECKLI PUR Seal B75 contains 260 g/l volatile organic compounds (solvents). As listed in annex II.A, maximum 500 g/l are

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permitted when used as one-pack performance coating (category i). The VOC content at maximum permitted dilution (+ 50% by weight) is 470 g/l.

GENERAL INFORMATION

For further information please also see:

„ General advice for the processing of RECKLI two-component resins“.

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SAFETY

RECKLI PUR Seal B75 contains solvents and isocyanates. Provide sufficient ventilation in the working place. Keep away from heat, sparks, open flames or any other ignition sources. Do not smoke! Avoid breathing gas or vapours. Do not use for sputtering or spraying. Protect skin and eyes from material splashes. Provide sufficient ventilation in the working place. Please consult the relevant safety data sheet and attend to the indications on the label of the package regarding the Dangerous Goods Regulation. This pamphlet is intended solely as an application directive. It does not claim to be binding and valid for all modes of application. A preliminary test under operation conditions is highly recommended.

This pamphlet replaces all previously published pamphlets concerning RECKLI PUR Seal B75, stating them as no longer being valid.

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