

TYPE

Xylene free moisture curing glossy polyurethane resin with low free tolylidenediisocyanate content

FORM OF DELIVERY (f.o.d.)

38 % in solvent mixture (38LG)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (100 1/s; 23 °C)	[mPa.s]	35 - 140
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Iodine Colour Number DIN 6162

iodine colour number		<= 3
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	37 - 39
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Not continually determined:

Isocyanate Content DIN EN ISO 11909

content	[%]	2 - 4
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,00
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	45
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SPECIAL PROPERTIES AND USE

- Free TDI < 0,5 % (f.o.d.)
- Rapid curing
- Very high gloss
- Excellent durability
- High impact resistance, good adhesion

Floor sealers, wood coatings, concrete impregnation for interior use. Together with alkyd resins as crosslinker for two-component systems.

SPECIAL INDICATIONS

Discharge and Package

One component polyurethane resins cure under influence of humidity, for this reason it is necessary to insure that the packing is absolutely dry and tightly sealed after drumming. Even the solvents used should be completely free from traces of water. Based on our experience the use of tin-plated containers is suited for prolonged storage. Glass containers should not be used because traces of alkali may lead to gelation. Even polyethylene containers are unsuitable due to solvent diffusion.

Synthetically bleached or acid cured wood coatings generally tend to discolour films. When using floor sealants based e.g. on Beckocoat in rooms with unfavorable freshly applied emulsion paints and plasters a discolouration can be observed. This appearance is with Beckocoat VPU 6072 greatly reduced; even though a thorough evaluation is recommended.

The use of coatings based on Beckocoat VPU 6072 on various substrates and their condition (e.g. old coated surfaces, pretreated surfaces etc.) should also first be examined to insure sufficient prolonged endurance.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

DISTINGUISHING FEATURES

Beckocoat VPU 6072 contains less free TDI than Beckocoat PU 428 and is free from xylene.

