

Technical Data Sheet

Viapal VPU Beckocoat 6072

CHARACTERISTICS

Polyurethane Resin - VIAPAL VPU Beckocoat, Xylene-Free, Moisture-Curing, Glossy Polyurethane Resin with Low Free Tolyldiene Diisocyanate, 1-Component Resin

DELIVERY FORM

38% in solvent mixture (38LG)

CHARACTERISTICS

Regularly determined:

Dynamic viscosity DIN EN ISO 3219

Dynamic Viscosity (mPa.s) 35-140
(100 1/s; 23°C)

Colour number (iodine) DIN 6162

Iodine color number ≤3

Non-volatile content DIN EN ISO 3251

Non-volatile fraction (%) 37-39
(1h; 125°C; 1 g)

Not more regularly determined:

Isocyanate-Gehalt DIN EN ISO 11909

Salary (%) 2-4

Density of liquids DIN EN ISO 2811-2

Density (g/cm³) 1.00
approx.
(20°C)

Flash point DIN EN ISO 1523

Flash point approx. (°C) 45

SPECIAL FEATURES AND APPLICATION

- Free TDI < 0.5 % (delivery form)
- Fast curing
- Very high gloss
- Extremely good abrasion resistance
- High impact resistance, good adhesion
- suitable for priming and sealing damp substrates in the basement
- Abrasion-resistant, liquid-tight coating in warehouses
- yellowish-transparent colouring, which intensifies under the influence of UV radiation (yellowing to brownish-transparent).

Viapal VPU Beckocoat

Primer for porous plaster, concrete and porous masonry. As a reason for detention for GRP. Floor sealing, wood varnishing, concrete impregnation for the interior. With alkyd resins as hardeners in two-component systems.

SPECIAL NOTES

The evaporating solvents – in combination with the good penetration behaviour in various substrates – can lead to a (longer) odour nuisance, which is not desired in living spaces.

Filling and packaging

One-component polyurethane resins harden due to humidity, so care must be taken during filling to ensure that only perfectly dry and tight containers and absolutely water-free solvents are used. According to our experience so far, tinplate containers are suitable for longer storage. Glass containers should not be used, as traces of alkali can lead to gelling, nor should polyethylene containers because of their solvent diffusion.

Artificially bleached woods or those coated with acid hardener varnishes can discolour the paint film. In rare cases, for example, when using Beckocoat as a floor coating, undesirable discoloration is also observed in rooms with inconveniently formulated, freshly applied wall fillers and emulsion paints. This phenomenon is significantly reduced with Beckocoat VPU 6072, but preliminary tests are still recommended.

The variety of possible substrates and their condition (old paintwork, cleaning, pre-treatment, etc.) also requires preliminary testing for the durability of the coatings in any case

Storage

Only close opened containers tightly with the original lid. Store in a cool, dry place. With optimal storage, shelf life of at least 6 months.

Work Equipment Cleaning

Hardened resins can only be cleaned mechanically, such as by grinding! Acetone can be used to remove non-hardened resin residues from the tool, which must then air out sufficiently to prevent the cleaner from entering new containers!

More information

For safety instructions, please refer to the safety data sheet. If you have any further questions, for example about the processing or the product, we will be happy to help you by phone.

The information contained in this publication is based on careful research. They serve to provide information, but do not exempt the user from independent experiments for the intended purposes and from examinations of the risk of infringement of any intellectual property rights of third parties. The information is non-binding and, in particular, does not represent warranted properties within the meaning of laws. Liability for the accuracy and completeness of the information is excluded.
