

FREOPUR

Gelcoat BD7340X

- 2P-PU Gelcoat for roller and brush application
- Middle reactive
- Very good light- and weather resistance
- Solvent free
- Good water resistance

Technical / Physical data	Colour	acc. to RAL 840 HR other colour shades on request
	Original viscosity after hardener addition	5000-6000 mPas / spindle 6 / level 50
	Mixing ratio by weight	100 : 52
	Hardener	FREOPUR-Hardener HD0233 FREOPUR-Hardener HD0260
	Potlife	approx 20 Min. / 20 °C
	Density after hardener addition calculated	1,2 g / ml + / - 0,05
	Solid content after hardener addition calculated	approx 100 %
	Material usage calculated after hardener addition in original viscosity, without application loss	approx 600 g / m ² dry film thickness approx 500 µm dependent on the desired layer thickness

Storability

Approx. 6 month in original packings at an ambient temperature of 5 to 25 °C, in case the original packings are tightly closed. Opened packing must be used very shortly. The minimum storage stability of each batch is mentioned on the product label. A storage time beyond the mentioned date doesn't necessarily mean that the material is unusable. In this case a check of the qualities which are important for the respective

Processing and application

Application

- Components are to be mixed homogenously. (e.g. with high-speed mixer). We recommended to fill the mixture with hardener in a new container and mix it again to avoid mixing defects.
- Roller and brush application in a thickness of about 500 µm
- Relaminating with a suited EP-resin after more than 90 minutes, 20°C
- Afterwards reinforcement with suited PUR-material by fibre spraying (z.B. Multitec® von Bayer)
- Void every material contact with water and / or hydrophile solvents

Substrates

Metal-Forms, GFP-Forms

Pretreatment

Forms treat with suitable release agent

Application temperature

above 15°C

Cleaning of working equipment

immediately after use: Thinner 400424, totally dried material on the surface of working tools: only mechanical removal

Advise for safety protection and protection of health

The usual precautionary measures for ventilation as well as for personal protection are to be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning health protection and environment protection can be read in the corresponding safety data sheet.

Special remarks

Stability

Good resistance to weak acids and bases.

Limited resistant against organic solvents. Better scratch resistance with HD0260.

Test conditions

All information is based on a standard climate 20/65 DIN 50014.

All information are based on our product knowledge and experience. To the application we have no direct influence. For further information please don't hesitate to contact us.

The information mentioned herein are reference values and are not given as specification