



VIAPAL GELCOAT 920 BSE

UP-resin based on isophthalic acid, pre-accelerated highly
thixotropic for brush application

**for protective and decorative finishes on GR-UP laminates,
good surface hardness with high impact strength,
outstanding weather and water resistance**

for water tanks, boats, facade panels, car bodies and industrial parts

VIAPAL GELCOAT 920 BSE is applied by brush in a film thickness of 0.4 - 0.6 mm. For GR-UP moulds the film thickness should be increased to 0.8 - 1 mm. Two coats are recommended to ensure a homogenous thickness. The first coat must be allowed to cure before application of the second.

VIAPAL GELCOAT 920 BSE can be coloured by addition of about 10% VIAPAL colour paste. Laminating may start when the gelcoat layer has cured. Sufficient curing is achieved if after dabbing with a finger no gelcoat adheres to the finger although the surface may be sticky.

VIAPAL GELCOAT 920 BSE can also be applied by gelcoat-spray-equipments or by overhead-spray-gun (nozzle diameter 2 - 3 mm, spray pressure 1 - 3 bar, air quantity appr. 250 l/min) by addition of 20 - 30% styrene.

VIAPAL GELCOAT 920 BSE contains Co-accelerator. Prolonged storage can reduce the effect of the accelerator. An addition of 0.1 - 0.4% accelerator Co 6 may be necessary to restore the original potlife.

Specification of VIAPAL GELCOAT 920 BSE - as supplied

Properties		Unit	Test Method
Viscosity at 20°C	thixotropic	-	-
Non-volatile matter (NVC)	66 ± 2	% b.w.	DIN 53216
Styrene compatibility	unlimited	--	DIN 55955-B
Colour	colourless, turbid	--	--
Density at 20°C	1.12	g/cm ³	DIN 53217/2
Flash point	about 34	°C	DIN 53213
Storage stability at max. 25°C in darkness	6	months	--
Geltime at 20°C with 2.0% MEKP 1.0% Co 1	10 ± 4	minutes	DIN 16945
Properties		Unit	Test Method
Barcol hardness (934-1)	35 ± 2	--	EN 59
Tensile strength	48	N/mm ²	DIN 53455
Elongation	2.6	%	DIN 53455
Water absorption	0.36 45	% mg	DIN 53495 3L-23-168h-W

Data of cured VIAPAL GELCOAT 920 BSE

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