

**NEUKADUR
Gel coat white ZH****NEUKADUR
Hardener gel coat white ZH****Properties in state upon delivery**

Colour	white	amber
Density g/cm ³	approx. 1.5	approx. 0.95
Viscosity mPa·s (20 °C)	thixotropic	approx. 600

Properties of the mixture

Mixing ratio	100 p.b.w.	17 p.b.w.
Mixed viscosity (20 °C)		brushable
Pot life (20 °C)		
100 g	minutes	approx. 25
1000 g	minutes	approx. 15
Gel time (1 mm at 20 °C)	minutes	approx. 50
Curing time (1 mm at 20 °C)	hours	12 - 18

Mechanical values of the cured product - 7 days at room temperature

Shore D-hardness	DIN 53505	points	approx. 82
Density	DIN 53479	g/cm ³	approx. 1.5
Tensile strength	DIN 53455	N/mm ²	25 - 30
Elongation at break	DIN 53455	%	approx. 0.45
Modulus of elasticity from tensile test	DIN 53454	N/mm ²	approx. 6,500
Compressive strength	DIN 53454	N/mm ²	110 - 120
Flexural strength	DIN 53452	N/mm ²	50 - 60
Ball indentation hardness 30"	DIN 53456	N/mm ²	150 - 170
Impact strength	DIN 53453	kJ/m ²	3 - 5
Temperature of deflection under load (Martens)	DIN 53458	°C	approx. 60
Thermal conductivity	DIN 52612	W/K·m	0.5 – 0.6
Coefficient of linear thermal expansion	VDE	10 ⁻⁶ K ⁻¹	40 - 45

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