

**Epoxy Resin Properties of Specification** (Paste Form: High Viscosity Solvent Free)

<b>Compressive Strength</b>	<b>DIN 53454</b>	50 N/mm <sup>2</sup>
<b>Flexural Strength</b>	<b>DIN 53452</b>	37 N/mm <sup>2</sup>
<b>Tensile Strength</b>	<b>DIN 53455</b>	80 N/mm <sup>2</sup>
<b>Bonding Strength</b>		Excellent bond to structural
<b>Tension Elongation at Break</b>		6%
<b>Solid Volume</b>		100% High Solid Resin
<b>Viscosity</b>	<b>at 25 °C</b>	25000 (±550) mPa.s
<b>Density</b>	<b>at 25 °C</b>	0.97 g/cu. cm
<b>Pot Life</b>	<b>at 25 °C</b>	> 45 minutes until 60 minutes
<b>Cure Time</b>	<b>at 25 °C</b>	As pot life test method
<b>Specific Gravity</b>		970 g/liter
<b>Flash Point</b>		> 200 °C
<b>Tear Resistance</b>		Excellent on External & Internal Layer
<b>Abrasion Resistance</b>		10 sec/1000 cycle, 0.01% Peeling of on Top Surfaces
<b>Fire Resistance</b>		Essentially non-toxic in cured fabricated panel
<b>Coverage Thickness</b>		0.75 kg to 2 kg/m <sup>2</sup>
<b>Stability Under Heat</b>	<b>DIN 53458</b>	70 °C
<b>Glass Transition Temp</b>	<b>DIN 53445</b>	90 °C
<b>Shore A Hardness</b>		None
<b>Shore D Hardness</b>	<b>DIN 53505</b>	82-86%
<b>Packing</b>		5 kg/pail

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