

**COMPARISON: MG-Krete versus common cement based concrete repair materials
& expensive specialty patch materials**

	MG-KRETE	CEMENT BASED	NON-CEMENT BASED
<i>Compressive Strength: 2 hours</i>	3481 psi/24.8 MPa	Negligible	2000 psi/13.8 MPa
<i>7 days</i>	6004 psi/41.4 MPa	1500 - 3200 psi/10.3-22.1 MPa	6000 psi/41.4 MPa
<i>28 days</i>	9500 psi/65.5 MPa	5000-6100 psi/34.5-42.1 MPa	8500 psi/58.6 MPa
<i>Flexural Strength</i>	1405 psi/9.7 MPa	1000-1200 psi/6.9-8.3 MPa	550 psi/3.8 MPa
<i>Shrinkage</i>	Zero	0.044 - 0.093%	Zero
<i>Return to Full Service</i>	1 to 2 hours	Minimum 24 hours	Minimum 2 hours
<i>Resistance to Water, Gas, Oil Penetration</i>	Excellent	Poor to Moderate	Good
<i>Minimum Application Temp.</i>	Minus 10°C/14°F	5°C to 10°C/41°F to 50°F	Minus 7°C/19°F
<i>Bond Strength</i>	Stronger Than Concrete	1400-2500 psi/9.7-17.2 MPa	N/A
<i>Mix Ratio/Slump</i>	Not critical	Critical Ratio	Critical Ratio
<i>Feathering Ability</i>	Yes	Limited	Limited
<i>Deep Pour Ability</i>	Yes	Some Limitations	Requires Multiple Placements
<i>Surface Treatment</i>	No Bonding Agent Required	Scrub Coat or Primer	No Bonding Agent Required
<i>Post Treatment Required</i>	No	Yes	No
<i>Labour Required</i>	One Application	Two or More Applications	One Application