



REBUILD | RENOVATE | RESURFACE

COMPARISON

Self-Leveling ZERITHON™ versus common cement based concrete repair materials & expensive specialty patch materials

	Self-Leveling ZERITHON™	CEMENT BASED	NON-CEMENT BASED
Compressive Strength:			
2 hours	3,481 psi (24.8 MPa)	Negligible 1,500-	2,000 psi (13.8 MPa)
7 days	5,815 psi (40.1 MPa)	3,200 psi (10.3-22.1 MPa)	6,000 psi (41.4 MPa)
28 days	11,194 psi (77.2 MPa)	5,000-6,100 psi (34.5-42.1 MPa)	8,500 psi (58.6 MPa)
Flexural Strength	1,405 psi (9.7 MPa)	1,000-1,200 psi (6.9-8.3 MPa)	550 psi (3.8 MPa)
Shrinkage	Zero	0.044 - 0.093%	Zero
Return to Full Service	1 to 2 hours	Minimum 24 hours	Minimum 2 hours
Resistance to Water, Gas, Oil Penetration	Excellent	Poor to Moderate	Good
Minimum Application Temp.	14°F (-10°C)	41°F to 50°F (5°C to 10°C)	19°F (-7°C)
Bond Strength	Stronger Than Concrete	1,400-2,500 psi (9.7-17.2 MPa)	N/A
Mix Ratio/Slump	Not critical	Critical Ratio	Critical Ratio
Feathering Ability	Yes	Limited	Limited
Deep Pour Ability	Yes	Some Limitations	Requires Multiple Placements
Surface Treatment	No Bonding Agent Required	Scrub Coat or Primer	No Bonding Agent Required
Post Treatment Required	No	Yes	No
Labor Required	One Application	Two or More Applications	One Application