

1260 ZERITHON™, INDEPENDENT LAB
ASTM TEST METHOD RESULTS

BY
SYNERGY BUILDING TECHNOLOGIES

The following is a summary of the independent tests that were conducted by accredited laboratories according to the test methods identified. The test results demonstrate the tremendous ability of the 1260 ZERITHON™ to act and perform as a very efficient fast setting cement repair material in the marketplace.

ASTM C109 Compressive Strength Test

Results: 45 Minutes	2610 psi/18 MPa
2 Hours 24	3481 psi/24.8 MPa
Hours 7	5148 psi/35.50
Days 28	MPa 5815 psi/40.1
Days	MPa 11194 psi/77
	MPa

ASTM C1245 Bond Strength Test

Results : 24 Hours	15.2 MPa
28 Days	21 MPa

ASTM C293 Flexural Strength Test

Results: 24 Hours	670 psi/4.6 MPa
7 Days	845 psi/5.8 MPa
28 Days	1405 psi/9.7 MPa

ASTM D2794 Resistance to Impact

Results: 24 Hours	15.2 ft.-lb
28 Days	15.2ft.-lb

ASTM C642 Water Absorption Test

Results: 7 Days	2.3% water absorption, 24 hour submersion
28 Days	3.5% water absorption, 24 hour submersion

ORTECH Two Foot Tunnel

Surface FlameSpread Test

Results: The sample did not ignite and propagate flame beyond the zero point, thereby resulting in an average Flame Spread rating of 0.

ASTM 666-92 Freeze Thaw Test

Results: No Change

ASTM C672-92 Freeze Thaw Test

Results: No Scaling

Conclusion of the Reports:

On the basis of these results, the following conclusions can be made with regard to ZERITHON™

- Fast Setting
- High Early Strength
- Non-Flammable
- Good Impact Resistance

Synergy Building Technologies, 4500 Park Granada Calabasas, CA 91302

Fax: 323-800-5393, Phone: (805) 457-9019

info@synergybuildingtech.com

www.synergbuildingtech.com