



1260 MG-KRETE™, INDEPENDENT LAB
ASTM TEST METHOD RESULTS

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 MG-KRETE™ 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	3481 psi/24.8 MPa
24 Hours	5148 psi/35.50 MPa
7 Days	5815 psi/40.1 MPa
28 Days	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 Flame Spread 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 MG-KRETE™

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