

**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 concrete repair material in the marketplace.

**ASTM C109** Compressive Strength Test

Results: 2 hours 3481 psi/24.8 MPa  
7 days 6004 psi/41.4 MPa  
28 days 9500 psi/65.5 MPa

**ASTM 666-92** Freeze Thaw Test

Results: No Change

**ASTM C1245** Bond Strength Test

Results: 3 hours 1.54 MPa  
28 days 1.6 MPa

**ASTM C672-92** Freeze Thaw Test

Results: No Scaling

**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 15.2 ft.-lb.

**ASTM C642** Water Absorption Test

Results: 7 days 2.3% water absorption, 24 hr submersion  
28 days 3.5% water absorption, 24 hr 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.

**Conclusions 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