ASTM C476 and ASTM C1019
Masonry Grout Evaluation

for

US MIX Co.

AMX 600 Core Grout

US MIX Co.
112 South Santa Fe Drive
Denver, CO  80223

February 22, 2019
February 22, 2019

US MIX Co.
112 South Santa Fe Drive
Denver, CO  80223

REPORT OF TESTS

SUBJECT:  Physical Analysis of Masonry Grout

PROJECT:  US Mix Co – AMX 600 Core Grout


NTL PROJECT #:  19-1008(A)

MATERIAL:  Shipped to NTL in January 2019

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TEST DATA

Test Material:  AMX 600 Core Grout
Batch Date:  January 2019
Sample Size:  0.5 ft³
Mixing Method:  Mortar Mixer
February 22, 2019  
US Mix Co. – AMX 600 Core Grout  
NTL Project #19-1008(A)  
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TEST RESULTS

ASTM C476/ASTM C1019 – Masonry Grout Analysis

<table>
<thead>
<tr>
<th>Test</th>
<th>AMX 600 Core Grout</th>
<th>Masonry Grout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batch Date</td>
<td>January 2019</td>
<td></td>
</tr>
<tr>
<td>Water Added</td>
<td>12.5%</td>
<td></td>
</tr>
<tr>
<td>ASTM C143 - Slump</td>
<td>11-in</td>
<td>8-11-in</td>
</tr>
<tr>
<td>ASTM C1064 – Grout Temperature</td>
<td>71°F</td>
<td>----</td>
</tr>
</tbody>
</table>

ASTM C1019 - Compressive Strength

Average of three 3.5 x 3.5 x 7.0-in prisms

<table>
<thead>
<tr>
<th></th>
<th>AMX 600 Core Grout</th>
<th>Masonry Grout</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 days</td>
<td>4,840 psi</td>
<td>----</td>
</tr>
<tr>
<td>28 days</td>
<td>6,300 psi</td>
<td>2,000 psi, min.</td>
</tr>
</tbody>
</table>

SUMMARY

The test results listed in this report have met or exceeded the requirements as set forth in ASTM C476-18, Section 4.2.1.2.
February 22, 2019
US Mix Co. – AMX 600 Core Grout
NTL Project #19-1008(A)
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Respectfully submitted,

NELSON TESTING LABORATORIES

Mark R. Nelson
President

Notes: The results listed within this report relate only to the materials submitted for testing. This report shall not be reproduced, except in full, without written approval of this laboratory. The test materials not consumed in this testing will be discarded 14 days from the date of this report unless we receive written notification requesting otherwise.