

# NELSON TESTING LABORATORIES

*Construction Materials*

1210 REMINGTON ROAD

SCHAUMBURG, ILLINOIS 60173 USA

Phone (847) 882-1146 Fax (847) 882-1148

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www.nelsontesting.com

November 5, 2010

Peninsula Products, Inc.  
3014 W. Palmira Avenue, Suite 200  
Tampa, Florida 33629

Attn: Mr. Darby Meadowcroft

## REPORT OF TESTS

SUBJECT: **Physical Analysis of Easy-Spred**

PROJECT: Plant Research/Peninsula Products – Type “N”

SPECIFICATIONS: ASTM C 270, “Specification for Mortar for Unit Masonry”

NTL PROJECT #: 1187-09(a)

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## TEST RESULTS

|                                   |      |              |
|-----------------------------------|------|--------------|
| <u>Date Batched</u>               |      | 11-05-09     |
| <u>Proportions (g)</u>            |      |              |
| Cement                            | 282  |              |
| Easy-Spred                        | 21   |              |
| Sand                              | 1440 |              |
| Water                             | 300  |              |
| <u>Water Retention (%)</u>        |      | <b>88.70</b> |
| Initial Flow                      | 115  |              |
| Final Flow                        | 102  |              |
| <u>Air Content (%)</u>            |      | <b>9.68</b>  |
| <u>Compressive Strength (PSI)</u> |      |              |
| 7 days                            | 1287 |              |
| 7 days                            | 1280 | <b>1296</b>  |
| 7 days                            | 1320 |              |
| 28 days                           | 1720 |              |
| 28 days                           | 1670 | <b>1693</b>  |
| 28 days                           | 1690 |              |
| 1 year                            | 1910 |              |
| 1 year                            | 1940 | <b>1930</b>  |
| 1 year                            | 1940 |              |

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Peninsula Products – Easy-Spred  
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*\*Mixing Procedure –*

- 1. Introduce Easy-Spred with all mixing water and mix at low speed for 60 seconds.*
- 2. Add cement over 30 seconds at slow speed.*
- 3. Add sand over 30 seconds at slow speed.*
- 4. Shift to medium speed and mix for 30 second.*
- 5. Stop mixer, scrape bowl, cover with damp towel, rest 90 seconds*
- 6. Mix at medium speed for 330 seconds.*
- 7. Start tests.*

Respectfully submitted,

NELSON TESTING LABORATORIES



Mark R. Nelson  
President