

Subject: NMB Splice-Sleeve's new early set time, early strength, cold-weather-ready grout is being tested
Date: Friday, March 29, 2013 12:02:16 PM Eastern Daylight Time
From: NMB Splice-Sleeve
To: tyamanishi@splicesleeve.com



**New Early Set Time (20-40 min.)
 Early Strength Grout (3000 psi for 3 hrs.)
 Even for Cold Weather (Below 32°F) is Being Tested**

Splice Sleeve North America, Inc. is now testing a new cementitious non-metallic, non-shrink, and very early strength grout which starts solidifying between 20 and 40 minutes achieving up to 3,200 psi in 3 hours depending on ambient temperatures.

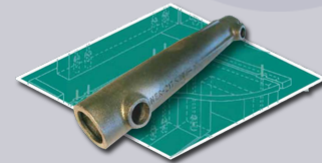
New High Early Strength Grout									
Curing Temp.	Water per 25kg Bag	Bleeding (%)	Initial Set Time (min.)	Compressive Strength (psi)					
				3 hrs	6 hrs	1 day	3 days	7 days	28 days
41F (5C)	1.16 gal (4.4 ltrs)	0.0	25	1,744	2,224	3,241	5,814	6,860	7,877
68F (20C)	1.14 gal (4.3 ltrs)	0.0	20	2,761	3,110	5,116	6,715	7,703	9,299
86F (30C)	1.14 gal (4.3 ltrs)	0.0	15	3,197	3,488	5,697	7,267	8,066	9,592

This grout can be used at temperatures below freezing as low as 29°F. Installation in lower temperatures is also achievable and the initial set time can be adjusted with the use of additives without sacrificing ultimate strength.

Due to very short fluid life, using the grout for NMB Splice Sleeve requires additional testings and is not finalized yet. This grout is ideal for bedding mortar, filling corrugated tubes, and other applications, especially in cold weather.

For pricing and more information, please call Toshi Yamanishi at **1-877-880-3230** or write to info@splicesleeve.com

**Over 22 million
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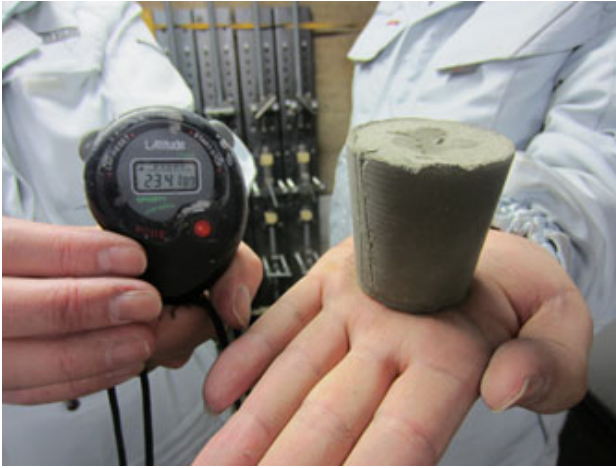
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The grout is solid as shown in the above photo in 23 minutes and 41 seconds.

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