Illinois Department of Transportation
Bureau of Materials
QUALIFIED PRODUCT LIST OF PACKAGED, DRY, RAPID HARDENING CEMENTITIOUS MATERIALS FOR CONCRETE REPAIRS
July 5, 2019
This list supersedes the June 7, 2019 list.

Guide Bridge Special Provision “Structural Repair of Concrete” (Revised April 1, 2016)
Recurring Special Provision for Subsealing of Concrete Pavements (Revised January 1, 2007)
Standard Specifications for Road and Bridge Construction, Section 1018 (Adopted April 1, 2016)
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Current Policy Memorandum, “Quality Control/Quality Assurance Program for Precast Concrete Products”
Manual for Fabrication of Precast Prestressed Concrete Products

RAPID HARDENING CEMENT (Section 1001)
For information regarding new product submittal, click the “New Submittal” bookmark to the left.

Material Code No. 37901
The rapid hardening cement is used for Class PP-4 concrete. The Material Code No. is 22106, “PATCHING MIXTURE, RAPID HARDENING CEMENT”.

No materials approved at this time.
Illinois Department of Transportation
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R1 MORTAR (Section 1018)
Material Code No. 22100
*Please note: products on this list are not to be extended in the field. Choose a product on the R1
concrete page if a concrete is required.

The Quikrete Companies
500 Marathon Parkway
Lawrenceville, GA 30046
Phone: 770-216-9580
404-926-3128
Attn: Dave Wingard
Producer/Supplier No. 5719-03
www.quikrete.com
“FASTSET DOT MIX EXTENDED
(NO. 1244-81)”
Illinois Department of Transportation
Bureau of Materials
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R2 MORTAR (Section 1018)
Material Code No. 22101
*Please note: products on this list are not to be extended in the field. Choose a product on the R2 concrete page if a concrete is required.

Dayton Superior Corporation
4226 Kansas Ave.
Kansas City, KS 66106
Phone: 800-745-3700 x44375
Attn: Holly Jergens
Producer/Supplier No. 494-05
www.daytonsuperiorchemical.com
“HD-50”

The Quikrete Companies
500 Marathon Parkway
Lawrenceville, GA 30046
Phone: 770-216-9580
404-926-3128
Attn: Dave Wingard
Producer/Supplier No. 5719-03
www.quikrete.com
“RAPID ROAD REPAIR EXTENDED (NO. 1242-80)”

Specco Industries, Inc.
601 North 5th Avenue
Kankakee, IL 60901
Phone: 630-257-5060
Attn: Jeffrey C. Bencsik
Producer/Supplier No. 3936-01
www.specco.com
"SPECCOPATCH RS"

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 219-448-1416
Attn: Robert Lansdown
Producer/Supplier No. 2231-01
www.sikaconstruction.com
“SIKAQUICK 1000”
“SIKAQUICK 2500”
Illinois Department of Transportation  
Bureau of Materials  
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R3 MORTAR (Section 1018)  
Material Code No. 22103  
*Please note: products on this list are not to be extended in the field. Choose a product on the R3 concrete page if a concrete is required.

<table>
<thead>
<tr>
<th>Company</th>
<th>Address</th>
<th>Phone No.</th>
<th>Fax No.</th>
<th>Attn.</th>
<th>Producer/Supplier No.</th>
<th>Website Link</th>
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<td><strong>“MASTEREMACO T 545”</strong></td>
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<td><strong>“shall not be used where the material will contact limestone aggregate.</strong></td>
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<tr>
<td>CTS Cement Mfg. Co. / Rapid Set Products</td>
<td>11065 Knott Avenue, Suite A, Cypress, CA 90630</td>
<td>800-929-3030 x188</td>
<td></td>
<td>Grant Kao</td>
<td>4894-03</td>
<td><a href="http://www.rapidset.com">www.rapidset.com</a></td>
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<td><strong>“RAPID SET MORTAR MIX”</strong></td>
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<td><strong>“CHEMSPEED 75”</strong></td>
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<tr>
<td>Dayton Superior</td>
<td>1125 Byers Road, Miamisburg, OH 45342</td>
<td>800-745-3700 x44375</td>
<td></td>
<td>Holly Jergens</td>
<td>494-01</td>
<td><a href="http://www.daytonsuperior.com">www.daytonsuperior.com</a></td>
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<td><strong>“PAVE PATCH 3000”</strong></td>
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<tr>
<td>The Euclid Chemical Company</td>
<td>19218 Redwood Road, Cleveland, OH 44110-2799</td>
<td>800-321-7628</td>
<td>216-692-8305</td>
<td>Brian Lewis</td>
<td>614-01</td>
<td><a href="http://www.euclidchemical.com">www.euclidchemical.com</a></td>
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<td><strong>“EXPRESS REPAIR”</strong></td>
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<tr>
<td>MAPEI</td>
<td>1144 East Newport Center Drive, Deerfield Beach, FL</td>
<td>954-246-8520</td>
<td>954-637-5121</td>
<td>Bruce Haller</td>
<td>6354-01</td>
<td><a href="http://www.mapei.com">www.mapei.com</a></td>
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<td><strong>“PLANITOP 18 ES”</strong></td>
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<tr>
<td>W.R. Meadows</td>
<td>P.O. Box 338, Hampshire, IL 60140</td>
<td>800-825-5976</td>
<td>847-214-2225</td>
<td>Steve Geiger</td>
<td>1266-02</td>
<td><a href="http://www.wrmeadows.com">www.wrmeadows.com</a></td>
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<tr>
<td><strong>“FUTURA-15”</strong></td>
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List continued on next page.
Illinois Department of Transportation  
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R3 MORTAR (Section 1018), continued  

Material Code No. 22103  

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The Quikrete Companies  
500 Marathon Parkway  
Lawrenceville, GA  30046  
Phone: 770-216-9580  
404-926-3128  
Attn: Dave Wingard  
Producer/Supplier No. 5719-03  
www.quikrete.com  
“FASTSET CONCRETE MIX (NO. 1004-51)”  
“RAPID ROAD REPAIR (NO. 1242)”  
“FASTSET DOT MIX (NO. 1244-56)”  

Specco Industries, Inc.  
601 North 5th Avenue  
Kankakee, IL  60901  
Phone: 630-257-5060  
Attn: Jeffrey C. Bencsik  
Producer/Supplier No. 3936-01  
www.specco.com  
“SPECCRETE PHASTPATCH D.O.T.”  

SpecChem  
1511 Baltimore  
Kansas City, MO  64108  
Phone: 866-791-8700  
816-968-5600  
Attn: Mike LeMark  
Producer/Supplier No. 6389-01  
www.SpecChemilc.com  
“REPCON 928”
R1 CONCRETE (Section 1018)

Material Code No. 22102 “PATCHING MIXTURE, CONCRETE, R1”

No materials approved at this time.
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**R3 CONCRETE (Section 1018)**

Material Code No. 22105 “PATCHING MIXTURE, CONCRETE, R3”

CTS Cement Mfg. Co. / Rapid Set Products
11065 Knott Avenue, Suite A
Cypress, CA 90630
Phone: 800-929-3030 x188
Attn: Grant Kao
Producer/Supplier No. 4894-03
www.rapidset.com
“RAPID SET CONCRETE MIX”
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Submittal for Testing and Approval

A. Scope
The following guidelines are provided to clarify the submittal requirements and expedite the testing process for approving packaged, dry, rapid hardening cement according to Section 1018 of the Department’s Standard Specifications for Road and Bridge Construction, Special Provision for Subsealing of Concrete Pavements, and current BDE special provisions.

B. Procedure
When submitting packaged, dry, rapid hardening cement to the Department, the following shall be included:

- The specific product brand name,
- Safety Data Sheet,
- Technical Data Sheet,
- A signed letter stating that the subject material will not be changed without written notification to the Department,
- Contact person’s name, title, address, email address, and phone number, and
- Acknowledgement by Company (see next page). If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the company acknowledgement form with your product submittal.

The manufacturer shall submit three to five “as-sold” packages of the subject material intended for use on Department projects. Each bag shall show the product name and mixing instructions.

The sample and submittal information shall be sent to:

Melinda Winkelman
Illinois Department of Transportation
Bureau of Materials
126 East Ash Street
Springfield, IL 62704-4766

Any sample provided without the required information listed will not be tested. Any changes in the formulation outside the manufacturer’s original parameters will necessitate a new sample submittal.

The manufacturer will be notified when the sample testing is complete. For questions regarding the testing and approval process, contact Melinda Winkelman at 217-782-0117.

C. Recertification
Annual recertification of all packaged, dry, rapid hardening cement is required. During the last quarter of the calendar year, a recertification letter will be sent to the manufacturer. The recertification paperwork is due January of the following year. For example, the recertification letter is mailed late November 2018 and due by mid-January 2019.
Illinois Department of Transportation
Bureau of Materials

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Submittal for Review and Approval

A. Scope
The following guidelines are provided to clarify the submittal requirements and expedite the review process for approving packaged, dry, rapid hardening mortar or concrete according to Section 1018 of the Standard Specifications for Road and Bridge Construction.

B. Procedure
When submitting packaged, dry, rapid hardening mortar or concrete to the Department, the following shall be included:

- The specific product brand name,
- Class of material (R1, R2, or R3 according to ASTM C 928),
- Independent laboratory test results which show the material meets ASTM C 928,
- Independent laboratory test results showing the water-soluble chloride ion content percent by weight (mass) of cement according to ASTM C 1218 at 28 – 42 days of age. Test results shall be performed and resubmitted every 2 years (during recertification for even numbered calendar years; for example, 2014, 2016, etc.),
- Gradation test results for any aggregates contained in the product (FA and/or CA).
- Safety Data Sheet,
- Technical Data Sheet,
- A signed letter stating the subject material will not be changed without written notification to the Department,
- Contact person’s name, title, address, email address, and phone number,
- Acknowledgement by Company (see next page). If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the company acknowledgement form with your product submittal.

The submittal information shall be sent to:

   Melinda Winkelman
   Illinois Department of
   Transportation Bureau of
   Materials
   126 East Ash Street
   Springfield, IL 62704-4766

Any changes in the formulation outside the manufacturer's original parameters will necessitate new submittal of independent laboratory test results.

The manufacturer will be notified upon completion of the Department’s review. For questions regarding the review and approval process, contact Melinda Winkelman at 217-782-0117.

C. Recertification
Annual recertification of all packaged, dry, rapid hardening mortar or concrete is required. During the last quarter of the calendar year, a recertification letter will be sent to the manufacturer. The recertification paperwork is due January of the following year. For example, the recertification letter is mailed late November 2018 and due by mid-January 2019.
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Instructions for Acknowledgement by Company:  
The owner, partner, or corporate officer shall complete the following and return a signed and dated copy with the product submittal or recertification.

_________________________ desires to obtain advance approval of materials to be supplied to Department of Transportation contractors as more fully described herein. I and_________________________ understand that the Department of Transportation reserves the right in its contracts to approve materials at the source of supply as provided in Article 106.01 of the Standard Specifications for Road and Bridge Construction. I and_________________________ further understand that approval of company supplied material pursuant to this request does not constitute a contract to supply material to the State of Illinois or any of its contractors, and that the Department of Transportation does not assure or guarantee that any materials approved hereunder will be supplied to the State or any of its contractors. In consideration of approval, I and_________________________ agree to the terms, conditions and performance standards of the Standard Specifications for Road and Bridge Construction.

Type of Company: ☐ Individual ☐ Partnership ☐ Corporation
Company Name _____________________________________________________________
Printed Name ________________________________________________________________
Signature ________________________________________________________________
Title ________________________________________________________________
Business Address ____________________________________________________________
City/State/Zip Code ___________________________________________________________
Date of Signature ___________________________________________________________