

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List

**PACKAGED, DRY, RAPID HARDENING CEMENTITIOUS MATERIALS FOR CONCRETE  
REPAIRS**

**May 19, 2023**

**This list supersedes the November 4, 2022 list.**

Guide Bridge Special Provision "Structural Repair of Concrete" (Revised August 9, 2019)

Recurring Special Provision for Subsealing of Concrete Pavements (Revised January 1, 2007)

Standard Specifications for Road and Bridge Construction, Section 1018 (Adopted January 1, 2022)

Current Policy Memorandum, "Quality Control/Quality Assurance Program for Precast Concrete Products"

Manual for Fabrication of Precast Prestressed Concrete Products

**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: Mr. Dave Wingard  
Producer/Supplier No. 5719-03

[www.quikrete.com](http://www.quikrete.com)

**"FASTSET DOT MIX EXTENDED"  
(NO. 1244-81)"**

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**R2 MORTAR (Section 1018)**

**Material Code No. 22101**

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Dayton Superior Corporation  
1125 Byers Road  
Miamisburg, OH 45342  
Phone: 800-745-3700  
[937-866-0711](tel:937-866-0711) x44376

Attn: Ms. Sarah Clark  
Producer/Supplier No. 494-05  
[www.daytonsuperior.com](http://www.daytonsuperior.com)  
"HD-50"  
"RECRETE 20 MINUTE"

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The Quikrete Companies  
500 Marathon Parkway  
Lawrenceville, GA 30046  
Phone: 770-216-9580  
404-926-3128  
Attn: Mr. Dave Wingard  
Producer/Supplier No. 5719-03  
[www.quikrete.com](http://www.quikrete.com)

"RAPID ROAD REPAIR EXTENDED"  
(NO. 1242-80)

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Specco Industries, Inc.  
601 North 5<sup>th</sup> Avenue  
Kankakee, IL 60901  
Phone: 800-441-6646  
630-257-5060  
Attn: Mr. Jeffrey C. Bencsik  
Producer/Supplier No. 3936-01  
[www.specco.com](http://www.specco.com)  
"SPECCOPATCH RS"

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**R3 MORTAR (Section 1018)**

**Material Code No. 22103**

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CTS Cement Mfg. Co. / Rapid Set Products  
12442 Knott Street  
Garden Grove, CA 92841  
Phone: 800-929-3030 x188  
Attn: Mr. Grant Kao  
Producer/Supplier No. 4894-03  
[www.rapidset.com](http://www.rapidset.com)  
**"RAPID SET MORTAR MIX"**

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ChemMasters  
300 Edwards Street  
Madison, OH 44057  
Phone: 440-428-2105  
800-486-7866  
Attn: Mr. John Kirk  
Producer/Supplier No. 5410-01  
[www.chemmasters.net](http://www.chemmasters.net)  
**"CHEMSPEED 75"**

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Dayton Superior  
1125 Byers Road  
Miamisburg, OH 45342  
Phone: 800-745-3700  
937-866-0711 x44376  
Attn: Ms. Sarah Clark  
Producer/Supplier No. 494-01  
[www.daytonsuperior.com](http://www.daytonsuperior.com)  
**"PAVE PATCH 3000"**  
**"DOT RAPID REPAIR"**

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The Euclid Chemical Company  
19218 Redwood Road  
Cleveland, OH 44110-2799  
Phone: 800-321-7628  
216-692-8305  
Fax: 216-531-9596  
Attn: Mr. Brian Lewis  
Producer/Supplier No. 614-01  
[www.euclidchemical.com](http://www.euclidchemical.com)  
**"EXPRESS REPAIR"**

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HB Fuller

1105 South Frontenac Street  
Aurora, IL 60504  
Phone: 800-552-6225  
706-437-9777  
Attn: Mr. Dylan Bryant  
Producer/Supplier No. 707-02  
[www.prospec.com](http://www.prospec.com)  
**"PREMIUM PATCH 200"**

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MAPEI  
1144 East Newport Center Drive  
Deerfield Beach, FL 33442  
Phone: 954-246-8888  
954-637-5121  
Attn: Mr. Bruce Haller  
Producer/Supplier No. 6354-01  
[www.mapei.com](http://www.mapei.com)  
**"PLANITOP 18 ES"**  
**"PLANITOP 18"**

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W.R. Meadows  
P.O. Box 338  
Hampshire, IL 60140  
Phone: 800-825-5976  
224-325-1080  
Fax: 847-683-4544  
Attn: Mr. Christopher Mader  
Producer/Supplier No. 1266-02  
[www.wrmeadows.com](http://www.wrmeadows.com)  
**"FUTURA-15"**

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List continued on next page.

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**R3 MORTAR (Section 1018), continued**

**Material Code No. 22103**

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US Mix  
112 South Santa Fe Drive  
Denver, CO 80223  
Phone: 303-778-7227  
Attn: Mr. Andrew Beaty  
Producer/Supplier No. 6857-01  
[www.usmix.com](http://www.usmix.com)  
**"US SPEC TRANSPATCH"**  
**"US SPEC TRANSPATCH CONCRETE"**

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

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SpecChem  
1511 Baltimore, Suite 600  
Kansas City, MO 64108  
Phone: 312-579-5166  
866-791-8700  
816-968-5600  
Attn: Mr. Nick Carroll  
Producer/Supplier No. 6389-01  
[www.SpecChemllc.com](http://www.SpecChemllc.com)  
**"REPCON 928"**

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Utilicor  
49 Sheffield Street  
Toronto, Ontario, Canada  
M6M 3E5  
Phone: 416-799-0690  
Attn: Mr. Bogdan Lupu  
Producer/Supplier No. 6555-01  
[www.utilicor.ca](http://www.utilicor.ca)  
**"UTILIBOND PERMANENT PAVEMENT  
BONDING COMPOUND"**

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**R1 CONCRETE (Section 1018)**

**Material Code No. 22102 "PATCHING MIXTURE, CONCRETE, R1"**

No materials approved at this time.

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**R2 CONCRETE (Section 1018)**

**Material Code No. 22104 "PATCHING MIXTURE, CONCRETE, R2"**

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

12442 Knott Street

Garden Grove, CA 92841

Phone: 800-929-3030 x188

Attn: Grant Kao

Producer/Supplier No. 4894-03

[www.rapidset.com](http://www.rapidset.com)

**"RAPID SET CONCRETE MIX"**

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**Submittal for Review and Approval (Mortar or Concrete)**

**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 1017 (Mortar) and Section 1018 (Concrete) 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, 2022, 2024, 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, and
- Acknowledgement by Company (Form [BMPR 101](#)). If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the Acknowledgement by Company 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 2022 and due by mid-January 2023.