

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List  
**PACKAGED, DRY, RAPID HARDENING CEMENTITIOUS MATERIALS FOR CONCRETE  
REPAIRS**

**July 26, 2024**

**This list supersedes the May 3, 2024 list.**  
Guide Bridge Special Provision (GBSP) "Structural Repair of Concrete"  
Standard Specifications for Road and Bridge Construction, Section 1018

**R1 MORTAR**

**Material Code No. 22100**

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**

**Material Code No. 22101**

Dayton Superior Corporation  
1125 Byers Road  
Miamisburg, OH 45342  
Phone: 800-745-3700  
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"**

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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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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**R3 MORTAR**

**Material Code No. 22103**

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.ctscement.com](http://www.ctscement.com)  
**"RAPID SET MORTAR MIX"**

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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.

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  
216-692-8357  
Fax: 216-531-9596  
Attn: Ms. Bethany Booth  
Producer/Supplier No. 614-01  
[www.euclidchemical.com](http://www.euclidchemical.com)  
**"EXPRESS REPAIR"**

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MAPEI  
1144 East Newport Center Drive  
Deerfield Beach, FL 33442  
Phone: 954-246-8888  
954-637-5121  
Attn: Mr. Luis Falaschi  
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

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**R3 MORTAR, continued**

**Material Code No. 22103**

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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Sika Corporation  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: 201-577-6850  
Attn: Mr. Scott DiStefano  
Producer/Supplier No. 2231-01  
[www.sikausa.com](http://www.sikausa.com)  
**"SIKAQUICK 2500"**

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**R1 CONCRETE**

**Material Code No. 22102**

No materials approved at this time.

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**R2 CONCRETE**

**Material Code No. 22104**

No materials approved at this time.

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**R3 CONCRETE**

**Material Code No. 22105**

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.ctscement.com](http://www.ctscement.com)  
**"RAPID SET CONCRETE MIX"**

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Sika Corporation  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: 201-577-6850  
Attn: Mr. Scott DiStefano  
Producer/Supplier No. 2231-01  
[www.sikausa.com](http://www.sikausa.com)  
**"SIKACRETE 421"**

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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 1018 of the Standard Specifications for Road and Bridge Construction and the Guide Bridge Special Provision (GBSP) "Structural Repair of Concrete".

**B. Procedure**

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

- The specific product brand name,
- Delineate between Mortar and Concrete and provide Type of material (R1, R2, or R3 according to ASTM C 928),
- A signed and dated letter and report certifying the product is in compliance with ASTM C 928 and ASTM C 1218 according to Section 1018 of the Standard Specifications (submitted test results by an independent lab shall not be more than 5 years old),
- Gradation test results for any aggregates contained in the product (FA and/or CA),
- An electronic link, electronic file, or hardcopy of the Safety Data Sheet,
- An electronic link, electronic file, or hardcopy of the 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.

Submittal information shall be sent to:

Daniel Tobias ([daniel.tobias@illinois.gov](mailto:daniel.tobias@illinois.gov))  
Illinois Department of Transportation  
Bureau of Materials  
126 East Ash Street  
Springfield, IL 62704-4766

The manufacturer will be notified when the evaluation of submitted information and test data is complete, and if the product has attained final approval for inclusion on the QPL. For questions regarding the testing and approval process, contact Daniel Tobias at [daniel.tobias@illinois.gov](mailto:daniel.tobias@illinois.gov).

**C. Recertification**

Recertification is generally required every 5 years and shall follow the procedures outlined above for new submittals especially if all test data is of approximately the same age, the Safety and Technical Data Sheets have only minor or no editorial changes, and the product name remains the same.

Intermittent piecemeal re-submittals of required information outlined in the procedures above are also permitted and may be required in order to remain certified. For example, product name changes, and significant revisions to Safety Data and/or Technical Data Sheets shall be resubmitted in a timely fashion. And, at no time, shall any required test results exceed 5 years old. As such, when ASTM C 928 and/or ASTM C 1218 results are a maximum of 4 ½ years old; at a minimum, retesting according to the method with the oldest data shall commence such that resubmittal and recertification can be achieved in a timely



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