

Illinois Department of Transportation
Bureau of Materials

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

March 5, 2021

This list supersedes the May 15, 2020 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)
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
**"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 x44375
Attn: Ms. Holly Jergens
Producer/Supplier No. 494-05
"HD-50"

[Specco Industries, Inc.](#)

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

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

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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 90064
Phone: 800-929-3030 x188
Attn: Mr. Grant Kao
Producer/Supplier No. 4894-03
"RAPID SET MORTAR MIX"
"RAPID SET DOT REPAIR MIX"
"RAPID SET CEMENT ALL"

[ChemMasters](#)

300 Edwards Street
Madison, OH 44057
Phone: 440-428-2105
800-486-7866
Attn: Mr. John Kirk
Producer/Supplier No. 5410-01
"CHEMSPEED 75"

[Dayton Superior](#)

1125 Byers Road
Miamisburg, OH 45342
Phone: 800-745-3700 x44375
Fax: 937-847-8473
Attn: Ms. Holly Jergens
Producer/Supplier No. 494-01
"PAVE PATCH 3000"

[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
"EXPRESS REPAIR"

[MAPEI](#)

1144 East Newport Center Drive
Deerfield Beach, FL
Phone: 954-246-8520
954-637-5121
Attn: Mr. Bruce Haller
Producer/Supplier No. 6354-01
"PLANITOP 18 ES"

[W.R. Meadows](#)

P.O. Box 338
Hampshire, IL 60140
Phone: 800-825-5976
847-214-2225
Fax: 847-683-4544
Attn: Mr. Faraz Razvi
Producer/Supplier No. 1266-02
"FUTURA-15"

List continued on next page.

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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: Mr. Dave Wingard

Producer/Supplier No. 5719-03

"FASTSET CONCRETE MIX (NO. 1004-51)"

"RAPID ROAD REPAIR (NO. 1242)"

"FASTSET DOT MIX (NO. 1244-56)"

[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

"REPCON 928"

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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 90064
Phone: 800-929-3030 x188
Attn: Grant Kao
Producer/Supplier No. 4894-03
"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 2021 and due by mid-January 2022.