

Illinois Department of Transportation
Bureau of Materials

Qualified Product List
PACKAGED, DRY, FORMED CONCRETE REPAIR MIXTURES
February 19, 2021

This list supersedes the February 14, 2020 list.
Guide Bridge Special Provision for Structural Repair of Concrete
Material Code No. 22108

The materials on page 1 of this QPL are for use with Note 3 of the
Guide Bridge Special Provision for Structural Repair of Concrete.

“HIGH SLUMP MATERIALS”

[JE Tomes & Associates, Inc.](#)

2513 West 140th Place

Blue Island, IL 60406

Phone: 877-JETOMES

708-653-5100

Fax: 708-653-5101

Attn: Joseph E. Tomes

Producer/Supplier No. 5667-02

* **“FORMFLO P-51”**

*The slump of this product in the field shall be 7-10 inches, when batched using 3 quarts of water per 65 pound bag of material, instead of the 5-7 inches specified in the Guide Bridge Special Provision for Structural Repair of Concrete.

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The materials on page 2 of this QPL are for use with Note 4 of the
Guide Bridge Special Provision for Structural Repair of Concrete.

“SELF-CONSOLIDATING CONCRETE MATERIALS”

No materials available at this time.

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Material Code No. 22108

**Packaged, Dry, Formed Concrete Repair Mixtures
for use as a "high slump" (5"-7" slump) material
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, formed concrete repair mixtures according to the [Department's Guide Bridge Special Provision for Structural Repair of Concrete](#).

B. Procedure

When submitting a "high slump" packaged, dry, formed concrete repair mixture to the Department, the following shall be included:

- The specific product brand name,
- Safety Data Sheet,
- Technical Data Sheet,
- Manufacturer's recommended mixing instructions,
- Contact person's name, title, address, email address, and phone number
- A signed letter stating that the subject material will not be changed without written notification to the Department,
- A signed letter certifying the following:
 - Individual weights of cement and finely divided minerals (hundredweight per cubic yard),
 - Type of cement, Class of fly ash or Grade of ground granulated blast-furnace slag,
 - coarse aggregate gradation,
 - Brand and name of ASTM C 494, Type F admixture used,
 - Recommended water dosage for 5 - 7 in. slump (w/c ratio shall not exceed 0.44)
- Independent laboratory test results showing the water soluble chloride ion content, in lbs/yd³, 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.),
- 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 manufacturer shall submit a sufficient amount of the subject material to mix 1 cubic foot for testing.

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, formed concrete repair mixtures 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.

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**Packaged, Dry, Formed Concrete Repair Mixtures
for use as a “self-consolidating concrete” (22”-28” flow) material
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, formed concrete repair mixtures according to the Department’s Guide Bridge Special Provision for Structural Repair of Concrete¹, Note 4.

B. Procedure

When submitting a “self-consolidating concrete” packaged, dry, formed concrete repair mixture to the Department, the following shall be included:

- The specific product brand name,
- Safety Data Sheet,
- Technical Data Sheet,
- Manufacturer’s recommended mixing instructions,
- Contact person’s name, title, address, email address, and phone number
- A signed letter stating that the subject material will not be changed without written notification to the Department,
- A signed letter certifying the following:
 - Individual weights of cement and finely divided minerals (hundredweight per cubic yard),
 - Type of cement, Class of fly ash or Grade of ground granulated blast-furnace slag,
 - coarse aggregate gradation and weight used (pound per cubic yard),
 - fine aggregate gradation and weight used (pound per cubic yard),
 - Brand and name of ASTM C 494, Type F admixture used,
 - Recommended water dosage for 22-28 in. flow (w/c ratio shall not exceed 0.44)
- Independent laboratory test results showing the water soluble chloride ion content, in lbs/yd³, 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.),
- 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 manufacturer shall submit a sufficient amount of the subject material to mix 1 cubic foot for testing.

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C. Recertification

Annual recertification of all packaged, dry, formed concrete repair mixtures 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