

Illinois Tollway
APPROVED LIST OF FAST SET CONCRETE
September 26, 2018

Special Provision for Fast Setting Concrete (Tollway GBSP)

AQUAFIN, Inc.
Building Product Systems
505 Blue Ball Road, #160
Elkton, MD 21921
Phone: 866-278-2346
Attn: Steve Bradway
www.aquafin.net
“Pavemend SL”
“Pavemend SLQ”

Dayton Superior
1125 Byers Road
Miamisburg, OH 45342
800-745-3700
Attn: Craig Behr (224-239-2175)
“HD-50”

CTS Cement Mfg. Co. / Rapid Set Products
11065 Knott Avenue, Suite A
Cypress, CA 90630
Phone: 800-929-3030 x103
Attn: Grant Kao
www.CTScement.com
“Rapid Set DOT CONCRETE MIX”

W. R. Meadows
P.O. Box 338
Hampshire, IL 60140-0338
800-342-5976
Attn: Steve Geiger
“Futura 15”

BASF Corporation
Construction Systems
889 Valley Park Drive,
Shakopee, MN 55379
Phone: 800-433-9517
Attn: Michael McCluskey
www.master-builders-solutions.basf.us
“MasterEmaco T1060”

Silpro LLC
2 New England Way
Ayer, MA 01432-1514
Phone: 972-772-4444
Attn: Paul Charest
www.silpro.com
“SilproRapid™”

A.Scope

Before a commercial or proprietary Fast Set Concrete product is used for an Illinois Tollway project, it will be tested and approved. The following guidelines are provided to clarify the submittal requirements and expedite the testing process for Fast Set Concrete products:

B.Procedure

Contact the Illinois Tollway with your desire to have a product considered for Fast Set Concrete approval. The Tollway contact is:

Daniel J. Gancarz
Illinois Tollway
Materials Department
2700 Ogden Avenue
Downers Grove, Illinois 60515-1703

The Tollway will provide a product application form for the initial submittal of your product for use in Tollway bridge deck and approach slab patching. The material requirements are provided in the Tollway's Fast Setting Concrete special provision.

The Tollway evaluation process will be two-fold: First, the product shall have been evaluated in the AASHTO National Transportation Product Evaluation Program (NTPEP) for Rapid Set Concrete Patching Materials, and shall have passed the NTPEP laboratory testing for ASTM C928 requirements. Second, a trial placement will be conducted with the Tollway Maintenance personnel. As part of that process, the manufacturer will meet with Tollway Maintenance personnel to review any production and installation details.

After the trial placement, the Tollway will then conduct a longer-term evaluation to determine the long-term durability of the product in-place, for distresses such as cracking, delamination, and scaling. Both of these evaluations will be taken into consideration for inclusion in this approved list. In the first year of the evaluation (prior to the first winter), the product should be free of cracking, delamination, and spalling. After the first year, including one winter season, the product should have no cracking greater than 1/8-inch, and should be free from delamination and spalling.

If you have any questions regarding the testing and approval process, contact Dan Gancarz at 630-241-6800, ext. 3961.

The Illinois Tollway shall be notified of any changes in material or contact information. Failure to do so may result in removal of product from the approved list.