This evaluation procedure outlines the Department’s approval process for pre-packaged concrete mixture. The use of this material is limited to non-structural applications and quantities that do not exceed 2 cubic yards per day.

The pre-packaged concrete mixture shall be in general conformance with ASTM C387 with the following exceptions:

- The product shall be extended with a coarse aggregate with size fractions of 3/8-inch or larger
- The 7- and 28-day strength test results shall be reported

The strength requirements are as follows:

- 7 days – For Information Only
- 28 days – 4000 psi minimum

Additional Requirements:

- The use of a mechanical mixing machine is required
- The concrete must be mixed in accordance with the manufacturer’s recommendations
- The pre-packaged concrete mixture selected for use must meet the minimum design strengths on the contract plans.
- Use will be reviewed one year after placement and underperforming products will be removed from the QPL.

MaineDOT Standard Specifications (2014) Section(s): 604
AASHTO T22 – Compressive Strength of Cylindrical Concrete Specimens
ASTM C387 – Standard Specification for Packaged, Dry, combined materials for Concrete and High Strength Mortar.

NOTE: A vendor who wishes to have products preapproved for future use should contact MaineDOT’s Product Evaluation Coordinator via email at NewProducts.MaineDOT@maine.gov or by calling (207)624-3268.

Product submittals shall include: a completed New Product Evaluation form, a copy of the technical data sheet, current Safety Data Sheet (SDS), and third party, independent test results. Any incomplete submittals will not be evaluated for inclusion on MaineDOT’s Product Lists.

All reports shall be issued and signed by an authorized laboratory representative. The report shall also include any physical requirements stated herein.

Any change in formulation shall require re-testing (through NTPEP if required) and resubmission of an independent analytical laboratory report for re-evaluation and prior to purchase by MaineDOT.

PRODUCT CONFORMITY: At the discretion of MaineDOT, any shipment of product to a MaineDOT location may be tested, such as by infrared or gas chromatography, for compliance with the SDS and uniformity with the formulation of the approved product (where applicable).
<table>
<thead>
<tr>
<th>NOTE: MaineDOT may require a field evaluation before final acceptance and inclusion on the Qualified Products List (QPL). <strong>All products must be recertified by the manufacturer every five (5) years from date of acceptance.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Any change in formulation shall require re-testing (through NTPEP if required) and resubmission of an independent analytical laboratory report for re-evaluation and prior to purchase by MaineDOT.</td>
</tr>
<tr>
<td>If you are experiencing difficulties reading or printing this page, or have questions regarding the Qualified Products List website, please contact the Product Evaluation Program Coordinator at 207-624-3268 or by email at: <a href="mailto:NewProducts.MaineDOT@maine.gov">NewProducts.MaineDOT@maine.gov</a></td>
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