

ALABAMA DEPARTMENT OF TRANSPORTATION  
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-7

EPOXY RESIN SYSTEMS FOR USE WITH PORTLAND CEMENT CONCRETE

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| 1.  | <b><u>Material:</u></b> Epoxy resin systems for use with Portland cement concrete.  | 7.1  | Produce the same quality of material as the material supplied for the original evaluation.   |
| 2.  | <b><u>Specification:</u></b> Article 870.03   | 7.2  | Provide only approved products to Department projects.   |
| 3.  | <b><u>Jurisdiction:</u></b> Product Evaluation Board, Chemical Laboratory   | 7.3  | Promptly report to the Department any changes in company name, product name, company address or company ownership.   |
| 4.  | <b><u>Job Acceptance Requirements:</u></b> No Job Control samples required if material works satisfactorily.  | 7.4  | Notify the Department of any changes in production of the product. Any alteration that will change the product physically will require a reevaluation of the product.  |
| 5.  | <b><u>Project Engineer's Responsibility:</u></b> Check and assure that the materials are on the approved list. Materials not on this list must be tested. Testing takes a minimum of three weeks to complete. | 8.   | <b><u>Laboratory Testing:</u></b> The Department may make selected verification tests of the product to insure that the material meets current specifications.   |
| 5.1 | Verify that the shelf life of the material has not been exceeded and that the material is in good condition.  | 9.   | <b><u>Contractors' Requirements:</u></b> The prime contractor will be responsible for purchasing and using only approved products.   |
| 5.2 | Verify that the contractor uses the correct temperature classification material for the existing weather conditions.  | 10.  | <b><u>Removal of Products:</u></b> Products may be removed from this list for any of the following:  |
| 5.3 | Verify that the material is blended in the correct proportions and mixed to a consistent blend.   | 10.1 | Mislabeling products or substitution of products other than those originally submitted.  |
| 5.4 | Prohibit the use of material that has exceeded its pot life.  | 10.2 | Failure to comply with any of the Department's requirements for this type of material.   |
| 6.  | <b><u>Producer's Initial Requirements:</u></b><br>Companies wishing to have products evaluated for placement on this list should furnish the Department's Product Evaluation Engineer with the following:     | 10.3 | Failure to work satisfactorily on the job.   |
| 6.1 | Name and address of the company producing the product   | 11.  | <b><u>Correspondence:</u></b> All correspondence concerning this list should be directed to the following:<br>Product Evaluation Board<br>Alabama Department of Transportation<br>3704 Fairground Road<br>Montgomery, AL 36110 |
| 6.2 | The type, grade and class for which the material is to be evaluated   |      |  |
| 6.3 | A standard material safety data sheet   |      |  |
| 6.4 | One sample of four-liters   |      |  |
| 6.5 | A product data sheet describing mixing and application instructions   |      |  |
| 6.6 | A certified test report with actual test data for all chemical and physical requirements for the type, grade and class of epoxy being tested.   |      |  |
| 6.7 | Submittal and testing fees according to Department procedure ALDOT-355.   |      |  |
| 7.  | <b><u>Producer's Maintenance Requirements:</u></b><br>Companies with products on this list will be expected to comply with the following to stay on the list:   |      |  |