

ALABAMA DEPARTMENT OF TRANSPORTATION  
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-27

WARM MIX ASPHALT (WMA) PRODUCTS/PROCESS

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| 1.  | <b>Material:</b> Warm Mix Asphalt Additives/Process for asphalt paving mixes.   |      | reevaluation of the product.  |
| 2.  | <b>Specification:</b> <u>ALDOT Specification</u> Section 410 & Section 424  | 8.5  | Provide technical assistance to the Department and/or contractor concerning the application and safety of the product. This assistance may include visits to the application site if required by the department.        |
| 3.  | <b>Procedures:</b>  |      |   |
| 3.1 | ALDOT 401, ALDOT 355  | 9.   | <b>Laboratory Testing:</b> The Department shall make routine verification tests as stated in ALDOT 436.   |
| 3.2 | AASHTO Procedures: AASHTO T166, T 209, T 312  | 9.2  | Roadway Cores will be tested for rutting as tested by ALDOT 401.  |
| 4.  | <b>Jurisdiction:</b> Product Evaluation Board, HMA Laboratory   | 10.  | <b>Field Testing:</b> The Department will require routine verification tests of the product to insure that the material works properly.   |
| 5.  | <b>Job Acceptance Requirements:</b> No Job Control samples required if material works satisfactorily.   | 10.1 | See ALDOT 436 for testing procedure.  |
| 6.  | <b>Project Engineer's Responsibility:</b> Check and assure that the materials are on the approved list.   | 10.2 | The Roadway must meet visible inspection to insure against defects in pavement.   |
| 7   | <b>Producer's Initial Requirements:</b> Companies wishing to have products evaluated for placement on this list should furnish the Department's Product Evaluation Engineer with the following:           | 10.3 | The Department may utilize an infrared camera to verify the roadway temperatures.   |
| 7.1 | Name and address of the company producing the product to include the sales and technical representative or contact person.  | 11.  | <b>Contractors' Requirements:</b> The prime contractor will be responsible for purchasing and using only approved products.   |
| 7.2 | A standard material safety data sheet.  | 12.  | <b>Removal of Products/Processes:</b> Products/Processes may be removed from this list for any of the following:  |
| 7.3 | Environmental & Hazard Clearance.   | 12.1 | Mislabeling products or substitution of products other than those originally.   |
| 7.4 | Documentation to demonstrate laboratory performance in terms of both moisture and rutting susceptibility compared to hot mix asphalt control mixtures and demonstration of field construction experience. | 12.2 | Failure to comply with any of the Department's requirements for this type of material.  |
| 7.5 | Submittal and testing fees according to Department procedure ALDOT-355.   | 12.3 | Failure to work satisfactorily on the job.  |
| 8.  | <b>Producer's Maintenance Requirements:</b> Companies with products on this list will be expected to comply with the following to stay on the list:   | 13.  | <b>Correspondence:</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 |
| 8.1 | Produce the same quality of material as the material supplied for the original evaluation.  |      |   |
| 8.2 | Provide only approved products to Department projects.  |      |   |
| 8.3 | Promptly report to the Department any changes in company name, product name, company address or company ownership.  |      |   |
| 8.4 | Notify the Department of any changes in production of the product. Any alteration that will change the product physically will require a  |      |   |