

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-15

CONCRETE ANCHORING SYSTEMS

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| 1. | Material: Concrete anchoring systems for use with Portland cement concrete. | 7.1 | Produce the same quality of material as the material supplied for the original evaluation. |
| 2. | Specification: None | 7.2 | Provide only approved products to Department projects. |
| 3. | Jurisdiction: Product Evaluation Board, Product Evaluation Engineer | 7.3 | Promptly report to the Department any changes in company name, product name, company address or company ownership. |
| 4. | Job Acceptance Requirements: Random on site pull tests may be conducted to insure proper bond strength. | 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. | Project Engineer's Responsibility: Check and assure that the materials are on the approved list. Before using other products, conduct a pull-out test. | 7.5 | Promptly report to the Department any changes to the manufacturer's Build America, Buy America (BABA) compliant status. |
| 5.1 | Verify that the shelf life of the material has not been exceeded and that the material is in good condition. | 8. | Laboratory Testing: The Department will use a field pull out test instead of laboratory testing. This test requires that the anchor withstand a minimum load of 65 kN (15,000-lb). The test specimen will be a 15-mm (5/8") diameter threaded rod imbedded 150-mm (6") into a predrilled hole. |
| 5.2 | Verify that the material is blended in the correct proportions and mixed to a consistent blend. | 9. | Contractors' Requirements: The prime contractor will be responsible for purchasing and using only approved products. |
| 5.3 | Prohibit the use of material that has exceeded its pot life. | 10. | Removal of Products: Products may be removed from this list for any of the following: |
| 5.4 | Assure that the Construction Bureau has approved the use of the material on the project. | 10.1 | Mislabeled products or substitution of products other than those originally submitted. |
| 6. | Producer's Initial Requirements: Companies wishing to have products evaluated for placement on this list should furnish the Department's Product Evaluation Engineer with the following: | 10.2 | Failure to meet any of the Department's requirements for this type of material. |
| 6.1 | Name and address of the company producing the product | 10.3 | Failure to work satisfactorily on the job. |
| 6.2 | The type, grade and class for which the material is to be evaluated | 10.4 | A change that will affect the manufacturer's BABA status requirement(s) will result in either (1) the product being removed from the approval list or (2) will remain on the approval list and will be labeled as non-compliant and can be used on non-federal funded projects. |
| 6.3 | A standard material safety data sheet | 11. | Correspondence: All correspondence concerning this list should be directed to the following: |
| 6.4 | A product data sheet describing mixing and application instructions | | Product Evaluation Board |
| 6.5 | Provide sufficient materials and labor to install a field demonstration complete with a pull-out test. | | Alabama Department of Transportation |
| 6.6 | Submittal and testing fees according to Department procedure BMTP-355. | | 3704 Fairground Road |
| 6.7 | The Department does not allow the use of concrete anchoring systems in overhead tension applications. | | Montgomery, AL 36110 |
| 7. | Producer's Maintenance Requirements: Companies with products on this list will be expected to comply with the following to stay on the list: | | |