

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. | 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. |
| 5.1 | Verify that the shelf life of the material has not been exceeded and that the material is in good condition. | 9. | Contractors' Requirements: The prime contractor will be responsible for purchasing and using only approved products. |
| 5.2 | Verify that the material is blended in the correct proportions and mixed to a consistent blend. | 10. | Removal of Products: Products may be removed from this list for any of the following: |
| 5.3 | Prohibit the use of material that has exceeded its pot life. | 10.1 | Mislabeling products or substitution of products other than those originally submitted. |
| 5.4 | Assure that the Construction Bureau has approved the use of the material on the project. | 10.2 | Failure to meet any of the Department's requirements for this type of material. |
| 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: | 10.3 | Failure to work satisfactorily on the job. |
| 6.1 | Name and address of the company producing the product | 11. | Correspondence: All correspondence concerning this list should be directed to the following: |
| 6.2 | The type, grade and class for which the material is to be evaluated | | Product Evaluation Board |
| 6.3 | A standard material safety data sheet | | Alabama Department of Transportation |
| 6.4 | A product data sheet describing mixing and application instructions | | 3704 Fairground Road |
| 6.5 | Provide sufficient materials and labor to install a field demonstration complete with a pull out test. | | Montgomery, AL 36110 |
| 6.6 | Submittal and testing fees according to Department procedure BMTP-355. | | |
| 6.7 | The Department does not allow the use of concrete anchoring systems in overhead tension applications. | | |
| 7. | Producer's Maintenance Requirements: Companies with products on this list will be expected to comply with the following to stay on the list: | | |