

SUPERSEDED BY EB 15-031 EFFECTIVE 9/28/15		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 13-017								
Title: NEW STANDARD SPECIFICATION §717-02 WATERPROOFING MEMBRANES											
Target Audience: <table border="0"> <tr> <td>☒ Manufacturers (18)</td> <td>☐ Surveyors (33)</td> </tr> <tr> <td>☒ Local Govt. (31)</td> <td>☒ Consultants (34)</td> </tr> <tr> <td>☒ Agencies (32)</td> <td>☒ Contractors (39)</td> </tr> <tr> <td></td> <td>☐ _____ ()</td> </tr> </table>		☒ Manufacturers (18)	☐ Surveyors (33)	☒ Local Govt. (31)	☒ Consultants (34)	☒ Agencies (32)	☒ Contractors (39)		☐ _____ ()	Approved: _____ Robert Sack, P.E. Deputy Chief Engineer, Research 16 July 13 Date	
☒ Manufacturers (18)	☐ Surveyors (33)										
☒ Local Govt. (31)	☒ Consultants (34)										
☒ Agencies (32)	☒ Contractors (39)										
	☐ _____ ()										

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective upon signature.
- The revisions issued with this EI will be incorporated into the next update of the Standard Specifications.

PURPOSE: The purpose of this EI is to create Standard Specification §717-02 Waterproofing Membranes for spray applied and sheet applied waterproofing membranes.

TECHNICAL INFORMATION:

- There are two types of waterproofing membranes included in the new §717-02 Waterproofing Membranes, spray applied and sheet applied membranes. Both of these specification items are Special Specifications with approved list acceptance requirements.
- Waterproofing membranes protect reinforced concrete structures from the damaging effects of salts. They are a requirement on concrete decks that are to receive asphalt overlays.
- There is no cost impact from this new materials standard specification. It simply establishes a 700 series specification which can now be tracked in Site Manager. The pay item is not affected.

IMPLEMENTATION:

Engineers-in-Charge of ongoing contracts and those let prior to the inclusion of the standard specification revisions into contract proposals should provide the Contractor with a copy of this EI and file a copy of this EI in the contract records as documentation of the change in accordance with the Contract Administration Manual (CAM) §104-02.

TRANSMITTED MATERIALS: Both metric and US Customary versions of Standard Specification §717-02 Waterproofing Membranes are attached.

BACKGROUND: Special specifications for waterproofing membranes have existed for many years but there has never been a standard specification 700 series material standard specification for them. In order to use Site Manager software to track the use and cost of waterproofing membranes it is necessary to establish a 700 series standard specification for them. This EI announces the creation of a new Standard Specification §712-02 Waterproofing Membrane.

CONTACT: Direct questions regarding this issuance to Guy Hildreth of General Engineering Section of the Materials Bureau at (518) 485-5431 or via e-mail at Guy.Hildreth@dot.ny.gov.

Make the following changes to the Standard Specifications of May 4, 2006 and May 1, 2008:

Delete §717-02 Vacant and **Replace** it with the following:

“717-02 WATERPROOFING MEMBRANES

SCOPE. This specification covers the material requirements for waterproofing membranes.

MATERIAL REQUIREMENTS. Waterproofing membranes shall be either spray applied or sheet applied. All materials used shall be as per each manufacturer's recommendations. Approved Materials Details will be available on the Department's Approved List.

BASIS OF APPROVAL. Manufacturers may submit their product(s) for evaluation to the Director, Materials Bureau. All components of the membrane system shall be clearly identified in the Materials Details submitted to the Department for approval. The Details shall also contain all the preparation requirements and installation instructions. The membrane system will be approved based on successful field performance evaluations at two (2) approved sites.

BASIS OF ACCEPTANCE. Waterproofing membranes will be accepted on the basis of the manufacturer's name and the product's name appearing on the Department's Approved List.”