

9260000 EPOXY COMPOUNDS
COMMENTS FROM INDUSTRY REVIEW

Allen Hughes
allen.hughes@dot.state.fl.us
UserTel: 352-955-6651, UserFAX: 352-955-6644
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Comments:

Here are some comments from SMO staff on subject spec.

From Mario Paredes:

926-17 14 Specific Requirements for Type Q Compounds.

These epoxy materials are to be used to protect the anchorages of post-tensioning tendons or bars and other uses indicated in the plans. The material shall produce a low exothermic reaction and have flow and fill characteristics suitable for machine base plate applications. The material will be extended with the aggregate supplied by the manufacturer. Mix with the full aggregate loading unless the use of less aggregate is approved by the Engineer.

From Ivan Lasa:

See the 3 recommendations below. First 2 are necessary to resolve conflict with section 560-14 which requires Type M epoxy for permanent H piles and sheet piles (other than fender systems). In the past, coal tar epoxy was only used on fender systems but now, it has other applications.

1) Comment 1

"An epoxy for coating steel H piling for fender systems (water immersion)."

Change to: "An epoxy for coating steel sheet piles and H piles (water immersion)."

2) Comment 2

926-14 12 Specific Requirements for Type M Compounds.

Epoxy coatings for steel sheet piles and H piles pilings used in bridges, fender systems and other structures subject to immersion shall comply with the requirements of Corps of Engineers Specification C-200. Products not meeting these requirements may be approved by the Office of Materials and Research on the basis of data furnished by the manufacturer documenting equal or superior performance. Application shall be according to the manufacturers published recommendations with the additional requirements that application shall be in two coats of approximate equal thickness and the total dry film thickness measured by a magnetic gauge shall be not less than 16 mils.

3) Comment 3

In several places, the spec makes reference to the “Office of Materials and Research” is made (including above). I believe that this needs to be changed to “State Materials Office”

Response:
