

9730000 STRUCTURAL PLASTICS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Shailesh Patel

Comment: (7-21-14)

Page 1 header: Should “STRUCTURAL PLASTICS” Be changed to reflect that it is now also “STRUCTURAL SHAPES?” STRUCTURAL PLASTICS. (REV 6-13-14) SECTION 973 is deleted and the following substituted: SECTION 973 FIBER REINFORCED POLYMER (FRP) COMPOSITE STRUCTURAL SHAPES

Response: This will be changed after approval from FHWA.
No change made.

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Comment: (7-22-14)

1. General comment: Should all 'shalls' within the document be changed to 'musts', based on legal guidance provided at the Design Expo? Both are used in this Section.

Response:

2. 973-3 (first paragraph):

Should this acronym be 'PFRP' instead of 'FRP' since 'Pultruded' is included in the title?

Response:

3. 973-3 (third paragraph):

Change 'Manufactured components shall be inspected...' to 'Inspect manufactured components...' for active-voice compliance.

Response:

4. 973-4.2 Table 4-3:

Fully capitalize 'Interlaminar shear strength' for consistency with remainder of Tables 4-1 through 4-3.

Response:

5. 973.4.4 Impact Tolerance:

Change 'impact resistance shall be determined...' to 'determine impact resistance...' for active-voice compliance.

Response:

6. 973-5.2 Materials (first paragraph):

I'm not familiar with the terms, but do 'post consumer' and 'post industrial' warrant hyphenation (e.g., 'post-consumer' and 'post-industrial')?

Response:

7. 973-5.2 Table 5-1 RTSS Matrix (Tensile Properties Requirement):

Add comma to '2200 psi' ('2,200 psi) per Style Guide for Specifications.

Response:

8. 973-5.2 Table 5-2 TSS Matrix (Tensile Properties Requirement):

Add comma to '3000 psi' ('3,000 psi).

Response:
