

9370000 POST-INSTALLED ANCHORS SYSTEMS FOR STRUCTURAL APPLICATIONS  
IN CONCRETE ELEMENTS  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comment: (Internal, 5-6-11)

1. There is no material section. Any polymer that meets structural needs is good?

Response:

**937-4.1 General:**

2. Only 2 part components?

Response:

3. *“Applications are limited to anchors and dowels installed in positions ranging from vertically downward to horizontal.”* So we would not use these for vertically upwards installations? Not sure what this statement means.

Response:

4. *“Combining of epoxy bonding components from bulk supplies is not permitted.”* Just epoxies or are there other polymers where we would be OK with combining bulk materials?

Response:

1. Define HV and HSHV.

Response:

**937-4.3 Product Identification (Fingerprint) Properties (FM 5-569):**

1. Molecular weight would be a good fingerprint variable. Infrared is qualitative and will still allow manufacturers to change quantities of the 2 components without detection.

Response:

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Karen Byram  
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Comments: (5-23-11)

1. Since these types of products will be new to the QPL, has a list of manufacturers been compiled and their products pre-evaluated?

Response:

2. In section 937-5, the first paragraph identifies the requirement for 316 steel qualified for use in cracked concrete. How is that requirement to be ascertained? Can the manufacturer self certify?

Response:

3. In the past we have tried to use ICC-ES acceptance criteria. This was later found to be not practical. Has the usefulness of this reference been confirmed and are manufacturers capable of supplying this information in a short time period?

Response:

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Comments: (6-16-11)

937-2 requires these materials to be on the QPL, however the undercut anchor has additional requirements. The undercut anchor is so different from the adhesive material that I think it deserves its own section. The adhesives seems to describe two part epoxy while the undercut anchor, as I understand it, is part and parcel of an anchor bolt system.

Response:

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Comments: (6-16-11)

(Comments by Daniel Haldi D5/M&R Construction Materials)

1. Title in 937-4 “Adhesive-bonded anchor system materials: and 4.1 Adhesive-bonding material (strike system here)

Response: From the Specs Office – 937-4 title is “Adhesive Bonding Material Systems”. Also, the Article is defining the entire system, not just individual materials.

2. 937-4.2 Table: Max Coefficient of Variation for Uniform Bond Stress: 20 % The – should be replaced with ;, so as not to mislead minus 20 %.

Response:

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