

AA-V-2737  
AMENDMENT-1  
October 1, 2003

AMENDMENT  
TO  
FEDERAL SPECIFICATION  
MODULAR VAULT SYSTEMS

The General Services Administration has authorized the use of this amendment, which forms a part of AA-V-2737, dated April 25, 1990, by all federal agencies.

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Add new paragraphs, as follows:

"1.2 Classification. The modular vaults shall be of the following types and styles, as specified (see 6.2).

1.2.1 Types.

Type I – Lightweight

Type II – Heavyweight

1.2.2 Styles.

Style A – Six sided

Style B – Five sided"

Paragraph 2.1, Government publications, delete reference to Federal specification AA-D-2757, and substitute AA-D-600.

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Delete paragraph 3.3.2 and substitute the following:

"3.3.2 Design.

3.3.2.1 Types. Type I vault panels shall not exceed 30 pounds per square foot of panel face surface area. The weight of Type II vault panels is unlimited. Weight limits for Type II panels shall be as specified in the contract or order (see 6.2).

3.3.2.2 Styles. Style A vaults shall utilize vault system panels to form the top, bottom and sides of the vault. Style B vaults shall utilize vault system panels to form the top and sides of the vault and the facility floor as the vault bottom.

3.3.2.3 Doors. The vault system shall be designed for use with a General Services Administration approved vault door in accordance with Federal specification AA-D-600. The door opening shall be of the standard dimensions for the single leaf or double leaf doors as defined in AA-D-600 and shall provide for a minimum engagement of the door frame of 6 inches."

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Delete 3.3.6 in its entirety.

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Add the following paragraph:

4.2.4 Concrete testing. A sample from each concrete pour used to manufacture concrete panels for use in a GSA approved vault shall be tested in accordance with ASTM C 918 by an independent laboratory. The 28 day compressive strength of the concrete shall be equal to or greater than the compressive strength of the sample originally submitted for GSA approval. Each panel shall be permanently marked or stamped so that it can be traced back to the concrete pour.

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Paragraph 4.4.4.1 Configuration requirements. Delete the first sentence and substitute the following:

"Unless otherwise specified, the test sample shall consist of an 8 foot by 8 foot vault, including one utility panel, and excluding the vault door. Samples for Type I vaults shall include the floor panels. Samples for Type II vaults shall include the manufacturer's recommended materials for attaching the vault to the facility floor."

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Add the following paragraph:

4.4.4.3 Type II Qualification samples. Two concrete samples shall be poured from the same batch of concrete as the panels at the same time as the panels. One sample shall be tested for compressive strength in accordance with the applicable sections of the American Concrete Institute standard ACI 318 – (Building Code Requirement for Reinforced Concrete) to determine the compressive strength of the concrete. The second sample shall be retained as a library sample. The concrete panel reinforcement method shall be detailed in the contractors bid sample offer (including type, amount, and spacing of reinforcement).

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Delete 6.2 in its entirety and substitute the following:

"6.2 Ordering data. Purchasers should exercise any desired options offered herein, and procurement documents should specify the following:

- a. Title, symbol and date of this specification.
- b. Required overall dimension of finished vault.
- c. Type and style of vault required (see 1.2).
- d. Maximum weight of Type II vault panels, when required (see 3.3.6).
- e. Number and location of conduit openings (see 3.4.1).
- f. Number and location of vent openings (see 3.4.2).
- g. If interior battens are required (see 3.5.2).
- h. Color of finish (see 3.2.5).
- i. Packing requirements (see 5.1).
- j. Marking requirements (see 5.2)."

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Paragraph 6.4.1, delete "96 inch square" and substitute "96 square inch".