

# Summary of Modifications/Changes in this Update

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U.S. Department of Veterans Affairs ♦ Office of Construction & Facilities Management

## **DATE OF THIS VERSION:**

July 1, 2014

## **TITLE OF DOCUMENT:**

09 67 23.60 Resinous Urethane and Epoxy Mortar Flooring (RES-6A, and RES-6B)

## **DATE OF VERSION BEING SUPERSEDED (old):**

May 1, 2011

## **DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):**

09 67 23.60, Resinous (Urethane and Epoxy Mortar) Flooring RES-6

## **SUMMARY OF CHANGES IN THIS VERSION:**

1. Section 1.2 Related Work added, B. Substrate Preparation for Floor Finishes: Section 09 05 16.
2. Spec Writer Note on page 3 concerning verbiage for mock ups. Changed from "Use mockups for large projects only" to "Mockups required for projects over 5,000 square feet or where the constructed scope requires specific details to capture, such as texture, transitions, but not limited to."
3. Section 1.6, page 5, removed paragraph D, condensed information from paragraph D and expanded defined verbiage for moisture suppression system in Paragraph A2, and sub paragraph a.
4. Section 1.8, Revised ASTM Testing procedures to comply with ASTM Standard C722-04 (2012), "Standard Specification for Chemical-Resistant Monolithic Floor Surfacing, Additionally updated section to only list testing information mentioned in this specification.
5. Section 2.1, paragraph E, physical properties changed bond strength to meet industry standards from a value that was only relative to the strength of concrete and not the resinous materials it self. New verbiage reads; 100% to concrete failure. Revised Proper testing methods in accordance to ASTM C7222-04 (2012).

6. Section 2.2, paragraph E, physical properties changed bond strength to meet industry standards from a value that was only relative to the strength of concrete and not the resinous materials it self. New verbiage reads; 100% to concrete failure.
7. Section 2.3 , Paragraph C, spec writer note add verbiage “positive side” to clearly identify product type and usage.
8. Section 2.5 is removed entirely and moved into new section 3.7 entitled Engineering Details.
9. Section 2.4 defining base cap strips. Removed verbiage for product type of aluminum to zinc, includes proper shape and size for resinous flooring applications. Previous verbiage reflected tile products.
10. Section 3.4 paragraph B, sub-paragraph 1b, Comply with ASTM 4259
11. Section 3.4 spec writer notes are condensed between Subparagraphs 2 & 3 under Paragraph B
12. Review of Section 3.4, paragraph B, sub-paragraph 3d, Changed relative humidty read to 85% from 75-80%. 85% relative humidity acceptable per industry standard for flooring materials.
13. Delete spec writer note in Section 3.5, paragraph A, sub-paragraph 3a. Joint sealants for resinous flooring are specific to resinous flooring and have no bearing in sealants used for concrete substrates.
14. Section 3.7 Engineering Details added to specification to ensure quality installation and details are met to ensure long term service of resinous flooring system.