

Pressurized Water Cleaning of Concrete and Cementitious Materials— Thorough Cleaning

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Document History

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AMPP values your input. To provide feedback on this standard, please contact: standards@ampp.org

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Foreword

This standard is intended for use by coating or lining specifiers, applicators, inspectors, or others who require the use of pressurized water cleaning technology to achieve a defined level of visual cleanliness of concrete surfaces. This standard contains requirements for Thorough Cleaning. Requirements for Light Cleaning are addressed in a separate standard. The differences between Thorough and Light Cleaning levels are summarized below:

Cleaning Level	Material Removed	Condition of Surface Voids (Following Cleaning)
Thorough Cleaning by Pressurized Water	all coatings and other visible deposits of contamination	surface voids are thoroughly opened
Light Cleaning by Pressurized Water	tightly adherent coatings and deposits of contamination may remain on surface	surface voids do not need to be opened

Scope

This standard includes procedures for using pressurized water to open surface voids and remove visible surface contaminants and existing coatings from concrete surfaces. It contains requirements for the cleaning process, for the end condition of a thoroughly cleaned concrete surface, and for verification of the end condition. The standard does not address removal of water-insoluble contamination; assessment of concrete soundness and pH; repair of the substrate and exposed reinforcing steel; or required surface profile (see [Paragraphs A1, A2, and A3](#) of Appendix A [nonmandatory]). SSPC-SP 13/NACE No. 6 contains additional information on these topics.

Rationale

Prior to publication of this standard, the concrete coating industry lacked standards that define the end condition of concrete surfaces cleaned using pressurized water.

In AMPP standards, the terms *shall* and *must* are used to state requirements and are considered mandatory. The term *should* is used to state something that is recommended, but is not considered mandatory. The term *may* is used to state something considered optional.