



Technology continues to be transferred to the commercial sector via writing Chapter 6 entitled “Overview of Industrial Guidance on Concrete Condition Assessment and Concrete Repair For Use Prior To Coating” for the book titled “The Fundamentals of Cleaning and Coating Concrete” (380 page hardbound book).

SSPC Publishes New Book on Cleaning and Coating Concrete

Pittsburgh--SSPC: The Society for Protective Coatings has published a comprehensive new reference manual on the preparation and coating of concrete substrates. [The Fundamentals of Cleaning and Coating Concrete](#) presents a thorough examination of concrete's physical and chemical properties; procedures for mixing, placement, consolidation, finishing, and curing; and the causes and prevention of concrete deterioration. It also provides detailed information on surface cleaning, repair, and preparation; the selection, application, and performance capabilities of protective coating and lining systems; inspection and failure analysis; and other relevant subjects. Its additional features include a glossary of key terms, and a bibliography of standards, guides, specifications, articles, journals, and other resource materials.

In its properly cured state, concrete can provide nearly unmatched strength and durability. Yet despite its many resilient properties, concrete used in aggressive service environments such as bridges and highways, chemical storage facilities, wastewater treatment plants, pulp and paper mills, and food, beverage, and pharmaceutical plants often demands an additional level of protection. The use of protective coatings and linings can provide one of the most effective and affordable means to preserve and maintain concrete surfaces and structures in these environments. However, a coating or lining system that is improperly installed, unsuitable for a given service environment, or applied to a contaminated or inadequately prepared surface is unlikely to deliver optimum protection, and can often be subject to early failure.

SSPC's [The Fundamentals of Cleaning and Coating Concrete](#) presents the information needed to recognize and meet these challenges, and explains the various factors leading to successful and unsuccessful coating and lining operations. In doing so, it can help facility owners, specifiers, engineers, contractors, and others develop strategies for achieving long-lasting protection, and improving the useful service life of new and existing concrete structures.

The Fundamentals of Cleaning and Coating Concrete, SSPC Publication 01-10, hardcover, illustrated, 379 pages, size approximately 6.25 inches by 9.25 inches.

SSPC Member Price: \$100.00 until March 31, 2002; \$105.00 after March 31, 2002

Non-Member Price: \$125.00 until March 31, 2002; \$150.00 after March 31, 2002