



The Association for Preservation Technology International
Association pour la préservation et ses techniques

For immediate release

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The *APT Bulletin* in Color: Special Issue on Modern Metals

The spring issue of the *APT Bulletin: The Journal of Preservation Technology* presents a significant development in the journal's history: its publication in full color, complemented by a new graphic design that creates a more contemporary look. The unveiling of the new design is particularly apt for this special issue, which features papers on Modern metals based on APT's workshop on the Conservation of Metal Finishes in Modern Architecture, held in New York City in 2013.

In their introduction to the issue, guest editors Kyle Normandin and Rosa Lowinger discuss the planning that went into this workshop and the papers that make up this special issue. David Fixler provides a foreword in which he discusses the role of APT's Technical Committee on Modern Heritage in focusing on preservation-technology issues in Modern architecture and the importance of metals conservation. The transition to full color in this issue has enabled the *Bulletin* to publish spectacular images of original metal finishes to better illustrate their differences, colors, deterioration, and strategies for conservation.

In "Metallurgy 102: Structure and Degradation of Metals," Alan Pense introduces the issue with an overview of metals and alloys on a microstructural level, an extension of his "Metallurgy 101" article that appeared in the *Bulletin* in 2012, and how their

structural properties contribute to their environmental degradation and cause conservation problems. Xsusha Flandro and Helen M. Thomas-Haney present a historical outline of the many different finishes used with aluminum during the Modern era, including mechanical finishes, chemical treatments and conversion coatings, electroplating, electrolytic oxide coatings, and organic coatings. Richard Pieper expands the conversation beyond aluminum to include nickel alloys like Monel, nickel silver, and stainless steel, as well as lead, in his article on “The ‘White Metals’ of Early-Twentieth-Century American Architecture”; he emphasizes the importance of tailoring conservation methods to each metal’s characteristics, despite their sometimes similar appearances.

Jamie Clapper Morris and Deborah Slaton explore techniques for identifying and assessing the many metals and finishes used in Modern architecture, providing four case studies to illustrate the problems that arise as metals are identified, evaluated, and restored. Thomas C. Jester closes out the issue with “Aluminum Finishes in Postwar Architecture,” which details the increased use of aluminum alloys and wide-ranging finishes after World War II, particularly the numerous colors that were used. He also discusses the importance of incorporating this history into strategies for the conservation and renewal of postwar buildings as they age and increasingly require restoration.

Finally, this issue features a Practice Point by Gina Crevello, the thirteenth in the series, entitled “Data Interpretation and Early Corrosion Test Programs for Historic Concrete Buildings.” The article discusses nondestructive and semi-destructive testing procedures, half-cell potential mapping, and corrosion-rate testing for evaluating concrete corrosion in order to establish preventative maintenance strategies.

This issue's book review page, overseen by Book Review Editor Frances Gale, reports on the multilingual book by Fernando Vegas and Camilla Mileto entitled *Artisanal Ties: Manual on Traditional Techniques and Materials in Málaga and Northern Morocco for the Recovery of their Common Heritage*, which analyzes architectural elements of both southern Spain and northern Morocco in order to emphasize their common heritage and, thus, similar dilemmas in preservation.

Mike Jackson's APT Building Technology Heritage Library column follows the theme of Modern metals with catalogs on aluminum components published by the Reynolds Metal Company and Alcoa, as well as by the Kawneer Company of Nile, Michigan, which manufactured aluminum storefronts.

The Association for Preservation Technology is the only international organization dedicated solely to promoting the best technology for conserving historic structures and their settings. Founded in 1968 in Québec as a joint venture between Canadian and United States preservationists, APT provides members with benefits that include publications, networking opportunities, conferences, training courses, and student scholarships. As a benefit of membership, APT members can search, browse, download, and print full-text PDF versions of past *Bulletin* articles on JSTOR, an international online digital archive. Visit <http://www.apti.org> for more information.

The *APT Bulletin*, a peer-reviewed, scholarly journal, is a valued source for state-of-the-art information on preservation technology. Published three times a year by APT, the *Bulletin* examines all aspects of preservation technology in feature articles and book reviews, keeping readers at the leading edge of the field.

Mount Ida Press, which edits and produces the *APT Bulletin*, specializes in high-quality publications on history, architecture, and building technology. For further information about the *APT Bulletin*, please contact the editorial office in Albany, New York, at 518.426.5935 or at info@mountidapress.com.

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APT Membership Information

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