

# Preservation, Restoration & Rehabilitation of Historic Structures

## A Selected Bibliography

This document lists works primarily on the technical and physical aspects of maintaining, preserving, restoring and rehabilitating historic buildings, structures, and landscapes, including “how-to” guides, technical manuals, materials studies and other reference works. The main section is followed by a listing of *Preservation Briefs* and *Preservation Tech Notes* published by the National Park Service’s Technical Preservation Services.

Other works on historic preservation, architecture and related topics are listed in separate bibliographies prepared by the Portland Bureau of Planning and Sustainability (see list at the end of this document). A future update of this bibliography will add citations on preservation economics and finance.

This is a work-in-progress; corrections and additions may be sent to: Nicholas T. Starin, Portland Bureau of Planning, 1900 SW 4<sup>th</sup> Ave., Suite 7100, Portland, OR, 97201; nstarin@ci.portland.or.us.

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## National Park Service Technical Preservation Services Publications

These publications assist in recognizing and resolving common preservation and repair problems in preserving buildings, structures, and objects. They are intended for practitioners in the preservation field, including architects, contractors, and maintenance personnel, as well as for owners and developers. Many are available online: <http://www.cr.nps.gov/hps/tps/>.

## **Preservation Briefs**

- No. 1: Assessing Cleaning and Water-Repellent Treatments for Historic Masonry Buildings.
- No. 2: Repointing Mortar Joints in Historic Masonry Buildings.
- No. 3: Conserving Energy in Historic Buildings.
- No. 4: Roofing for Historic Buildings.
- No. 5: The Preservation of Historic Adobe Buildings.
- No. 6: Dangers of Abrasive Cleaning to Historic Buildings.
- No. 7: The Preservation of Historic Glazed Architectural Terra-Cotta.
- No. 8: Aluminum and Vinyl Siding on Historic Buildings: The Appropriateness of Substitute Materials for Resurfacing Historic Wood Frame Buildings.
- No. 9: The Repair of Historic Wooden Windows.
- No. 10: Exterior Paint Problems on Historic Woodwork.
- No. 11: Rehabilitating Historic Storefronts.
- No. 12: The Preservation of Historic Pigmented Structural Glass (Vitrolite and Carrara Glass).
- No. 13: The Repair and Thermal Upgrading of Historic Steel Windows.
- No. 14: Exterior Additions to Historic Buildings: Preservation Concerns.
- No. 15: Preservation of Historic Concrete: Problems and General Approaches.
- No. 16: The Use of Substitute Materials on Historic Building Exteriors.
- No. 17: Architectural Character - Identifying the Visual Aspects of Historic Buildings as an Aid to Preserving Their Character.
- No. 18: Rehabilitating Interiors in Historic Buildings - Identifying Character-Defining Elements.
- No. 19: The Repair and Replacement of Historic Wooden Shingle Roofs.
- No. 20: The Preservation of Historic Barns.
- No. 21: Repairing Historic Flat Plaster--Walls and Ceilings.
- No. 22: The Preservation and Repair of Historic Stucco.
- No. 23: Preserving Historic Ornamental Plaster.
- No. 24: Heating, Ventilating, and Cooling Historic Buildings: Problems and Recommended Approaches.
- No. 25: The Preservation of Historic Signs.
- No. 26: The Preservation and Repair of Historic Log Buildings.
- No. 27: The Maintenance and Repair of Architectural Cast Iron.
- No. 28: Painting Historic Interiors.
- No. 29: The Repair, Replacement, and Maintenance of Slate Roofs.

- No. 30: The Preservation and Repair of Historic Clay Tile Roofs.
- No. 31: Mothballing Historic Buildings.
- No. 32: Making Historic Properties Accessible.
- No. 33: The Preservation and Repair of Stained and Leaded Glass.
- No. 34: Applied Decoration for Historic Interiors: Preserving Historic Composition Ornament.
- No. 35: Understanding Old Buildings: The Process of Architectural Investigation.
- No. 36: Protecting Cultural Landscapes: Planning, Treatment, and Management of Historic Landscapes.
- No. 37: Appropriate Methods of Reducing Lead-Paint Hazards in Historic Housing.
- No. 38: Removing Graffiti from Historic Masonry.
- No. 39: Holding the Line: Controlling Unwanted Moisture in Historic Buildings.
- No. 40: Preserving Historic Ceramic Tile Floors.
- No. 41: The Seismic Retrofit of Historic Buildings: Keeping Preservation in the Forefront.
- No. 42: The Maintenance, Repair, and Replacement of Historic Cast Stone.
- No. 43: The Preparation and Use of Historic Structure Reports.
- No. 44: The Use of Awnings on Historic Buildings: Repair, Replacement and New Design.
- No. 45: Preserving Historic Wooden Porches.
- No. 46: The Preservation and Reuse of Historic Gas Stations.
- No. 47: Maintaining the Exterior of Small and Medium Size Historic Buildings.

### **Preservation Tech Notes**

#### **Doors**

- No. 1: Historic Garage and Carriage Doors: Rehabilitation Solutions.

#### **Exterior Woodwork**

- No. 1: Proper Painting and Surface Preparation.
- No. 2: Paint Removal from Wood Siding.
- No. 3: Log Crown Repair and Selective Replacement Using Epoxy and Fiberglass Reinforcing Bars.
- No. 4: Protecting Woodwork Against Decay Using Borate Preservatives.

#### **Finishes**

- No. 1: Process-Painting Decals as a Substitute for Hand-Stencilled Ceiling Medallions.

#### **Historic Glass**

- No. 1: Repair and Reproduction of Prismatic Glass Transoms.
- No. 2: Repair and Rehabilitation of Historic Sidewalk Vault Lights.

#### **Historic Interior Spaces**

- No. 1: Preserving Historic Corridors in Open Office Plans.
- No. 2: Preserving Historic Office Building Corridors.



No. 3: Preserving Historic Corridor Doors and Glazing in High-Rise Buildings.

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No. 1: Substitute Materials: Replacing Deteriorated Serpentine Stone with Pre-Cast Concrete.

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No. 2: Restoring Metal Roof Cornices.

No. 3: In-kind Replacement of Historic Stamped-Metal Exterior Siding.

No. 4: Rehabilitating a Historic Iron Bridge.

No. 5: Rehabilitating a Historic Truss Bridge Using a Fiber-Reinforced Plastic Deck.

**Museum Collections**

No. 1: Museum Collection Storage in a Historic Building Using a Prefabricated Structure.

No. 2: Reducing Visible and Ultraviolet Light Damage to Interior Wood Finishes.

**Site**

No. 1: Restoring Vine Coverage to Historic Buildings.

**Temporary Protection**

No. 1: Temporary Protection of Historic Stairways.

No. 2: Specifying Temporary Protection of Historic Interiors During Construction and Repair.

No. 3: Protecting A Historic Structure during Adjacent Construction.

**Windows**

No. 1: Planning Approaches to Window Preservation

No. 2: Installing Insulating Glass in Existing Steel Windows

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No. 5: Interior Metal Storm Windows

No. 6: Replacement Wooden Sash and Frames With Insulating Glass and Integral Muntins

No. 7: Window Awnings

No. 8: Thermal Retrofit of Historic Wooden Sash Using Interior Piggyback Storm Panels

No. 9: Interior Storm Windows: Magnetic Seal

No. 10: Temporary Window Vents in Unoccupied Historic Buildings

No. 11: Installing Insulating Glass in Existing Wooden Sash Incorporating the Historic Glass

- No. 12: Aluminum Replacements for Steel Industrial Sash
- No. 13: Aluminum Replacement Windows with Sealed Insulating Glass and Trapezoidal Muntin Grids
- No. 14: Reinforcing Deteriorated Wooden Windows
- No. 15: Interior Storms for Steel Casement Windows
- No. 16: Repairing and Upgrading Multi-Light Wooden Mill Windows
- No. 17: Repair and Retrofitting Industrial Steel Windows
- No. 18: Aluminum Replacement Windows with True Divided-Lights, Interior Piggyback Storm Panels, and Exposed Historic Wooden Frames
- No. 19: Repairing Steel Casement Windows
- No. 20: Aluminum Replacement Windows for Steel Projecting Units with True Divided Lights and Matching Profiles

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City of Portland, Oregon, Bureau of Planning and Sustainability, Historic Resources Program  
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