

JOURNAL OF THE WOODWORK INSTITUTE

FALL/WINTER 2009

ARCHETYPE



Woodwork Institute
P.O. Box 980247
West Sacramento, CA 95798-0247
Ph: (916) 372-9943 • Fax: (916) 372-9950
E-mail: info@woodinst.com
Internet: www.woodworkinstitute.com

COMPX NATIONAL ANNOUNCES

FIRST & ONLY

**BHMA CERTIFIED
DEAD BOLT CABINET LOCKS**



**ANSI/BHMA
certification means:**

- ◆ Product has been tested against rigorous standards developed by BHMA and the American National Standard Institute (ANSI)
- ◆ Certified by an independent laboratory/testing facility approved by BHMA
- ◆ Continuous follow-up testing and auditing
- ◆ Special Keyed Pin Tumbler Locks **shipped next business day**. Master keyed, keyed alike in groups.
- ◆ Available from two locations:
Rancho Cucamonga, CA & Mauldin, SC.

CompXpress

The #1 architect specified lock since 1903.

CompX
SECURITY PRODUCTS

BHMA
CERTIFIED
Be Safe. Be Secure. Be Certified.

All product manufactured and assembled in the United States. ISO 9001 certified.

Copyright 2009 © CompX Security Products / 864.297.6655 / compx.com / PO Box 200, Mauldin, SC 29662

Any companies and/or products referred to herein are marks or registered trademarks of their respective companies, owners and/or mark holders.

Woodwork Institute's Vision & Mission

VISION

Assurance through
certification.

MISSION

To promote to the
architectural design
community, its suppliers
and contractors, the
development and
dissemination
of information relative to
uses, advantages, and
utility of millwork products.

To provide the leading
standards and quality
assurance program for
the architectural millwork
industry through the new
Architectural Woodwork
Standards. WI's exclusive
publication, The WI Approach,
Certified Compliance, and
Monitored Compliance
Programs.

To be the premier,
industry-driven,
equal opportunity,
non-profit trade association
resource provider
for our membership.

inside this issue

ARTICLE LISTINGS

Archetype Is Going Green	4
Directors of Architectural Services & Field Offices	6
Stanley "Rob" Gustafson - Our Manual Editor Extraordinaire	7
Specifying Architectural Woodwork Standards	8
Woodwork Institute Menu of Daily Specials	9
Best of the Best 2009	10
Read and Heed Product Labels	17
Are you Getting What You Pay For?	18
Resource Guide/Advertiser Index	22

ON THE COVER

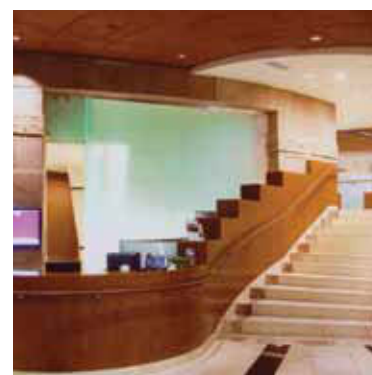
Winner of the 2009 Bernard B. Barber Jr. Award for Excellence and the 2009 Ralph B. McClure Craftsmanship Award:

Indian Wells Golf Resort

Architect: Douglas Fredrikson Architects

General Contractor: Douglas Barnhart, Inc.

Over 4500 shop hours and 2000 installation hours went into completing this project. That is on top of the nearly 1500 engineering hours spent on design drawings, submittals, custom CNC programming, and production drawings. The entire project was produced through Microvellum.



The most challenging part of the project was the coordination of millwork with the various other trades that blended in and around this project. For example, the millwork served as the foundation for the grand stairway, and the shop drawings were used to orchestrate the drywall, glass, specialty steel and stone. Each trade was closely worked with from the beginning, to ensure that each element fit seamlessly together once installation began. Templating was also a major task in the project. Each piece needed to be templated in the field to make sure that all the parts would come together.

Archetype is Going Green

Dear Readers,

Please be advised that this will be the last printed edition of Archetype. Future editions, as well as archives, will be found at www.wi-archetype.com. We'd hate for you to miss an edition, and ask that you to please send your email address to emily@woodinst.com, to be added to our distribution. A blank message, with Archetype as the subject will do just fine!

WI is taking steps to better our environment and is going green. Moving to digital is beneficial to all. Now you can reach us anytime, anywhere!

We hope you join us in this move!

Thank you,



WOODWORK INSTITUTE OFFICERS & DIRECTORS 2009-2010

OFFICERS/DIRECTORS

Wayne 'Yogi' Steindorf,
Chairman/Director

North Coast Cabinetry
Healdsburg, CA

Dennis Milsten,
Vice Chairman/Director

Westmark Products Inc.
Tacoma, WA

Bruce Humphrey, Treasurer

Caseworkx, Inc.
Redlands, CA

Stanley R. (Rob) Gustafson,
Chief Executive Officer/Secretary

Woodwork Institute
West Sacramento, CA

Mike Hansen, Director

S&H Cabinet and Mfg., Inc.
Fontana, CA

Don Lorey, Director

E.B. Bradley Company
Los Angeles, CA

Ray Cerulli, Director

Plastic Tops, Inc.
La Habra, CA

Dennis Chan, Director

K & Z Cabinet Co. Inc.
Ontario, CA

Valarie Harris, Director

Stanley Security Solutions
Placentia, CA

Mike Polanchyck, Director

ISEC, Inc.
Fremont, CA

Bill Fenstermacher, Director

Wood Connection, Inc.
Modesto, CA

Richard Matteo, Director

tBP Architecture
Newport Beach, CA

Aaron Clark, Director

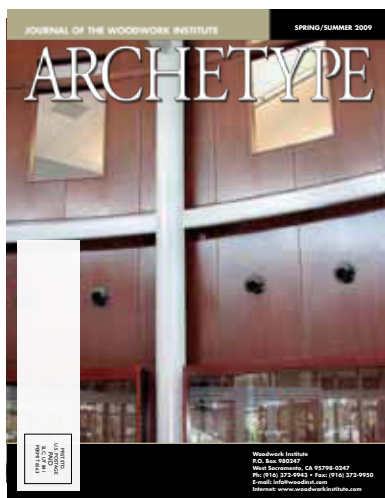
Cabinet Outsource
Brea, CA

Terri Fields, Director

Amberwood Installation
San Jose, CA

To view a listing of members,
please see the website at
www.woodworkinstitute.com

Opinions expressed are not necessarily those of the Woodwork Institute. Publication of advertising does not imply endorsement of products/services. All advertising copy is subject to the approval of the Woodwork Institute and both parties reserve the right to reject advertising.



Published by the

Woodwork Institute

Stanley R. (Rob) Gustafson

CEO/Secretary

PO Box 980247

West Sacramento, CA 95798-0247

(916) 372-9943

Fax (916) 372-9950

Email: info@woodinst.com

Internet: www.woodworkinstitute.com

Editor

Emily Stoddard

Advertising Manager

Cici Trino

Association Outsource Services, Inc.

115 Springwater Way

Folsom, CA 95630

(916) 990-9999

Fax (916) 990-9991

© 2009 Woodwork Institute

All rights reserved. The contents of this publication may not be reproduced, in whole or in part, without prior written consent of the publisher.



**Presenting
a new branch
to our product line.**

The Corrosion-Resistant Collection

A full range of stainless steel
slides designed to withstand
high moisture and humidity

**3/4 extension
full extension
over travel**

**Loads from 100 to 350 pounds
RoHS compliant**

Accuride®

www.accuride.com

888.459.8624

For more information on the Woodwork Institute, please visit

www.woodworkinstitute.com

WOODWORK INSTITUTE DIRECTORS OF ARCHITECTURAL SERVICES



DIRECTOR OF ARCHITECTURAL
MARKETING SERVICES
Dick McClure
P.O. Box 980247
West Sacramento, CA 95798
(209) 475-1700 • Fax: (209) 475-1717
dick@woodinst.com



OREGON
ANGELO LEANDRO, CSI
2742 Belmont Canyon Rd.
Belmont, CA 94002
(650) 637-9307 • Fax (650) 637-9316
angelo@woodinst.com



NORTHWEST CALIFORNIA
RANDA VARGAS, CSI
8210 Rancheria Drive #2
Rancho Cucamonga CA 91730
Phone # 909-985-3747 • fax # 909-985-3656
randa@woodinst.com



DIRECTOR OF
EDUCATIONAL SERVICES
NICK NICHOLSON, CSI
6003 Del Amo Boulevard
Lakewood, CA 90713
(562) 867-5684 • Fax (562) 867-4395
nick@woodinst.com



NORTHERN CA, BAY AREA
Paul Bernardis
577 36th Street
Sacramento, CA 95816
(916) 476-6313
Fax: (916) 476-6314
paul@woodinst.com



SOUTHWESTERN CA
STEVE TAYLOR, CSI
734 - 23rd Street
San Pedro, CA 90731
(310) 833-0571 • Fax (310) 833-0579
steve@woodinst.com



NORTHWESTERN CALIFORNIA
THOMAS CAVANAUGH, CSI
5637 Terrace Drive
Rocklin, CA USA 95765
(916) 435-8989 • Fax (916) 435-8464
thomas@woodinst.com



SOUTHEASTERN CA, SOUTHERN NV & AZ
EVERETT NELMS, CSI
PO Box 8656
Fountain Valley, CA 92708
(714) 379-0410 • Fax (714) 379-0480
everett@woodinst.com



CHIEF EXECUTIVE OFFICER/SECRETARY
**STANLEY R. (ROB)
GUSTAFSON, CAE, CSI**
PO Box 980247 • West Sacramento, CA 95798
(916) 372-9943 • Fax (916) 372-9950
rob@woodinst.com

W.I. SPONSORED EMPLOYEE BENEFIT SPECIALIST



**More than 30 years of
combined insurance
consulting experience.**

Working together to offer creative insurance
solutions for employers for health, dental,
vision, disability, life and retirement planning.

Ph (707) 525-5710
Fx (707) 525-5718
(800) 743-6975
e-mail: hr@hr-ins.com



W.I. RECEIVES 1% OF ALL PREMIUMS
PAID ON THESE PLANS.

**Secures signs, artwork, paneling
and more to walls.**

>> Panelclip®

www.panelclip.com

Panelclip®, Kingclip® and VClipz®
are extruded aluminum mounting
hardware products that have a 100%
positively stopped interlock, providing
the strongest, simplest solutions for
your installation needs.

Panelclip®, Kingclip® and VClipz® aluminum
hardware are manufactured by Brooklyn
Hardware, LLC in Portland, Oregon.

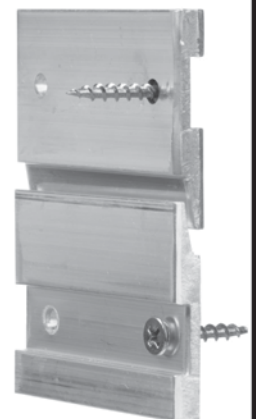


Thin positively V-stopped
system for hanging artwork.

>> Kingclip®

Heavy-duty mounting system with
room for a 3/8" dia. bolt head.

*We accept all major credit cards.



Simply secure.

**Call 1-888-232-1151 for more information
and to place custom orders.**

**Visit www.panelclip.com to find dealers
and see product specifications.**

Stanley “Rob” Gustafson – Our Manual Editor Extraordinaire

By Emily Stoddard



On October 1, 2009, the new Architectural Woodwork Standards (AWS), Edition One, became effective. The AWS is adopted and jointly published by the Architectural Woodwork Institute (AWI), the Architectural Woodwork Manufacturers Association of Canada (AWMAC), and the Woodwork Institute (WI), as the successor, replacement, and latest edition of AWI/AWMAC's Quality Standards Illustrated (QSI), and WI's Manual of Millwork (MM).

The AWS represents over 3 years and 13,000 man hours of cooperative work, developing common architectural woodwork standards for North America and Canada. A committee was assembled, consisting of Board Members from each association, and was named The Joint Standards Committee (JSC).

Heading this frontier was Stanley “Rob” Gustafson. Rob took on all the responsibilities of Executive Editor and never faltered. If you have had the opportunity to leaf through the AWS, you will notice the best of all three associations combined into one standard for all of North America and Canada, and that was no easy task. Rob knew what an awesome job this would be, which

only contributed more to his excitement of being the Executive Editor.

This past June, AWMAC held their 40th Annual National Convention & AGM in Winnipeg, Manitoba. Rob was invited to attend convention, but for reasons not disclosed to him. At the conference, Myron Jonzon, Vice Chairman of the Joint Standards Committee and AWMAC, said a few words “both personally, and on behalf of the Chairman of the JSC and AWMAC”. Rob was completely taken by surprise! Here is a portion of the kind words Myron had to share with the rest of the conference attendees. “Rob, I want to thank you for all your expertise and hard work over the past two years. Rob’s commitment and dedication to complete the new, combined Architectural Woodwork Standards was phenomenal. The AWS has been two solid years of work for Rob, and he has never wavered or complained. This was not a day job for Rob. It was a day and night, weekday, and weekends; Rob doesn’t sleep much. I dare to say his contribution was in the neighborhood of 3,000 hours of work, plus meetings and travel. He is our Manual Editor Extraordinaire!”

“The AWS was at least 15 years in the making, with a full two years of production. For pressing forward and making it happen, the entire JSC, on behalf of WI, AWMAC, and AWI, wishes to extend a sincere and hearty THANK YOU to our Executive Editor, Rob Gustafson.”

Rob was then presented with a plaque, which was signed by each member of the Committee, and reads:

“To Rob Gustafson

We are indebted to you for your dedication to the future of our industry, exemplified by your tireless devotion to the creation of the new Architectural Woodwork Standards. Each association extends our gratitude and respect”.

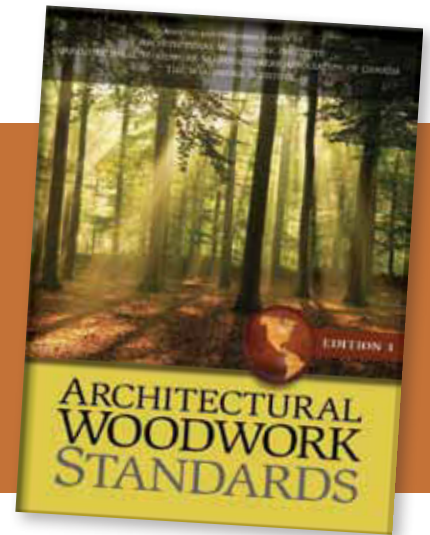
Finally, on behalf of WI, AWI, and AWMAC, Rob and his wife Joanne were presented with a travel gift certificate. It is just what they need after an adventure like this one!

To know Rob is to know his work ethic, his commitment to his job, and his involvement in the betterment of the architectural millwork industry. His contributions will surely last the test of time.

Thank you, Rob!

Specifying “Architectural Woodwork Standards”

By Steve Taylor



We are very pleased with the release of the new Architectural Woodwork Standards (AWS), Edition 1, and see it as an improvement over the Manual of Millwork (MM), in many ways. After 40 years with two competing standards for architectural millwork, there is now one standard for all of the United States and Canada.

The AWS has been adopted and jointly published by the Architectural Woodwork Institute (AWI), the Architectural Woodwork Manufacturers of Canada (AWMAC), and the Woodwork Institute (WI), as the successor, replacement, and latest edition of AWI/AWMAC's Quality Standards Illustrated (QSI), and Woodwork Institute's Manual of Millwork (MM). That being said, these three associations have not merged. One standard has been created for use across North America; however, these three separate entities are in place.

There are some issues, however, that you will need to address in your specifications.

First, all references in your specifications to the Woodwork Institute's Manual of Millwork should be replaced with the following verbiage: “Architectural Woodwork Standards (AWS), latest edition, published jointly by the Woodwork Institute, the Architectural Woodwork Institute, and the Architectural Woodwork Manufacturers Association of Canada.” This will only need to be said once, and then simply referencing AWS will suffice.

References to the Woodwork Institute Grades or Manual of Millwork Grades should be changed to AWS Grades.

The Woodwork Institute's Quality Assurance programs are unchanged. We have merged the two standards, but again, we have not merged the organizations. WI's Certified Compliance and Monitored Compliance Programs are still in place, as are other the three associations own quality assurance programs.

We believe that the AWS is an improvement in almost every respect; however, there were inevitable compromises in the merging two standards. There are a few issues you should address in your plans and specifications.

Seismic Casework Construction: AWI and AWMAC felt strongly that the AWS should not address seismic issues. As a result, the requirement for backs and anchor strips is not as robust as we believe it should be. In time, the Institute will post seismic details on the website for your reference.

Seismic Casework Attachment: There are hopes that the Institute will get generic casework attachment details approved by OSHPOD and the DAS. It would be a boon to all of us if architects didn't have to design details for each project, and shops could count on using the same methods and hardware for every project. Until that glorious day, it remains the responsibility of the architectural firm to provide attachment details.

continued on page 21



Menu of Daily Specials

Amuse Bouche

- ☐ *DETAILS* POSTCARD
(to be added to our distribution)
- ☐ *THE BUSINESS OWNER* POSTCARD
(to be added to our distribution)
- ☐ CARBON EMISSIONS TABLE

Appetizers

- ☐ *OUT WITH THE OLD,
IN WITH THE NEW*
(Info on *MM* to *AWS*)
- ☐ 6410 GUIDE SPEC
- ☐ SAMPLE LICENSEE TEST
- ☐ AWARD NOMINATION FORMS
- ☐ LARGE WALL CALENDAR
(Available January 2010)
- ☐ STANDARD WALL CALENDAR
(Available January 2010)

Small Sides

- ☐ *2009 CONSTRUCTION LAW BOOK***
- ☐ WOODWORK INSTITUTE - *THE FIRST 50 YEARS***

À la carte

- | | | |
|---|---|--|
| <input type="checkbox"/> WI MECHANICAL PENCIL | <input type="checkbox"/> WI PENCIL | <input type="checkbox"/> WI PEN |
| <input type="checkbox"/> WI RULER | <input type="checkbox"/> WI TAPE MEASURE | <input type="checkbox"/> WI GOLF TEES |
| <input type="checkbox"/> WI METAL BOOKMARK | <input type="checkbox"/> WI POST-IT NOTEBOOKS | <input type="checkbox"/> WI FLASHLIGHT |

Entrees

- ☐ *ARCHITECTURAL WOODWORK
STANDARDS (AWS)* ***

* This order comes with a complementary side of Woodwork Institute's exclusive side dish, *The WI Approach*, available in print or CD- Rom.

- ☐ Print ☐ CD-Rom

- ☐ *TRI-FOLD**
(Information on WI's Assurance Programs)

* This order comes with a complementary side of the *AWS* on CD-Rom, and Woodwork Institute's exclusive side dish, *The WI Approach*, available in print or CD- Rom.

- ☐ Print ☐ CD-Rom

- ☐ *CABINET FABRICATION
HANDBOOK* ***

*This is only available to those who are registered owners of the *AWS*.

- ☐ *INSTALLATION HANDBOOK* ***

*This is only available to those who are registered owners of the *AWS*.

Name: _____ Email: _____
Firm: _____ Title: _____
Mailing Address: _____ City/State/Zip: _____
Phone: _____ Fax: _____

Please fax your completed order to the WI Administrative Office, (916) 372-9950.

*** There is a cost for these items, dependent upon their purpose. Please contact the WI Administrative Office for specific pricing information, at (916) 372-9943.*

Best *of the* Best 2009

Every year, the Woodwork Institute recognizes excellence in woodwork and its design with a series of awards. Recently, the awards program has been slightly restructured to allow for additional deserving projects to be recognized. This year one project received the Bernard B. Barber Jr. Award for Excellence and one project received the Ralph B. McClure Award for Craftsmanship.

The Institute's most prestigious award, the Bernard B. Barber Jr. Award for Excellence is given to examples of outstanding architectural millwork. The award is named in honor of Mr. Bernard Barber, who has dedicated more than 40 years to the Woodwork Institute. Since the first Bernard B. Barber Jr. Award for Excellence was presented in 1965, more than 100 projects have received this recognition.

Bernard B. Barber Jr. Award for Excellence nominees may be submitted by any design professional or Woodwork Institute member who was contractually tied to the project. Specifications must require Certified or Monitored Compliance to be eligible.

A full list of past winners and entry forms can be viewed on the Institute's website at www.woodworkinstitute.com/awards.





Winner of the Bernie B. Barber Award for Excellence
and Ralph B. McClure Craftsmanship Award
INDIAN WELLS GOLF RESORT

JOB NAME: Indian Wells Golf Resort

APPLICANT: Spooner's Woodwork Inc.

ARCHITECT: Douglas Fredrikson Architects

WOODWORKER: Emiko Design

GENERAL CONTRACTOR: Douglas Barnhart, Inc.

The millwork was an engineering masterpiece by Spooner's. Lace and cherry wood were used to create a delicate contrast, both in color and pattern. Curves and angles were used extensively throughout the project to create a unique and special environment. Stainless steel "stitches" were a subtle way to create an unusual and beautiful connection between the two materials. Many of the millwork pieces look like they are delicately held together by these stainless steel members. The contemporary combination of the cherry and lace wood, with the glass and metal create a warm, wonderful, intricate interior that sets Indian Wells apart from other golf resorts.

Winner of the Bernie B. Barber Award for Excellence and Ralph B. McClure Craftsmanship Award

INDIAN WELLS GOLF RESORT



Honorable Mentions



**CAROLDALE LEARNING
COMMUNITY LIBRARY**
ARCHITECT: MSP Architects
GENERAL CONTRACTOR: NSA
Construction Group, Inc.



**CHINO HILLS
GOVERNMENT CENTER**
ARCHITECT: LPA Architects
GENERAL CONTRACTOR:
Douglas E. Barnhart, Inc.



THE RESORT AT PELICAN HILL
ARCHITECT: Altevers Associates
GENERAL CONTRACTOR:
Snyder Langston



ALICE TULLY HALL
ARCHITECT: Diller
Scofidio & Renfro
GENERAL CONTRACTOR:
Turner Construction



**COAST COMMUNITY
COLLEGE DISTRICT -
ADMINISTRATION FACILITY**
ARCHITECT: Bundy
Finkel Architects
GENERAL CONTRACTOR:
C.W. Driver



**SAN BERNARDINO VALLEY
MUNICIPAL WATER
DISTRICT**
ARCHITECT: Sisson Design Group
GENERAL CONTRACTOR: Ledesma
& Meyers Construction Co.



JAMS CLUBHOUSE
ARCHITECT: Killefer
Flammang Architects
GENERAL CONTRACTOR:
Dreyfuss Construction



**LAGUNA BEACH
COMMUNITY & SENIOR
CENTER**
ARCHITECT: LPA Architects
GENERAL CONTRACTOR:
Swinerton Builders, Inc



**CSU MONTETRY BAY
LIBRARY**
ARCHITECT: EHDD Architecture
GENERAL CONTRACTOR:
S.J. Amoroso



**UC DAVIS ROBERT
MONDAVI INSTITUTE**
ARCHITECT: ZGF Architects
GENERAL CONTRACTOR:
Flintco, Inc.



**CORONA SUMMIT
CORPORATE BUILDINGS**
ARCHITECT: GAA Architects
GENERAL CONTRACTOR:
Oltmans Constuction Co.



**MONTCLAIR POLICE
DEPARTMENT**
ARCHITECT: WLC Architects
GENERAL CONTRACTOR:
C.W. Driver Builders



**OXNARD CIVIC CENTER -
PH. 2 DEV. SERVICE CENTER**
ARCHITECT: Roesling,
Nakamura, Terada Architects
GENERAL CONTRACTOR:
Douglas E. Barnhart, Inc.



Bernie B. Barber Finalist

BEVERLY HILLS CITY HALL GROUND FLOOR REMODEL

APPLICANT: Leo Derevencha

ARCHITECT: RTK Architects, Inc.

WOODWORKER: DHK Solutions, Inc.

GENERAL CONTRACTOR: Tower General Contractors





Ralph B. McClure Finalist

REDWOOD SHORES COMMUNITY LIBRARY

JOB NAME: Redwood Shores Community Library

APPLICANT: Jack Coots

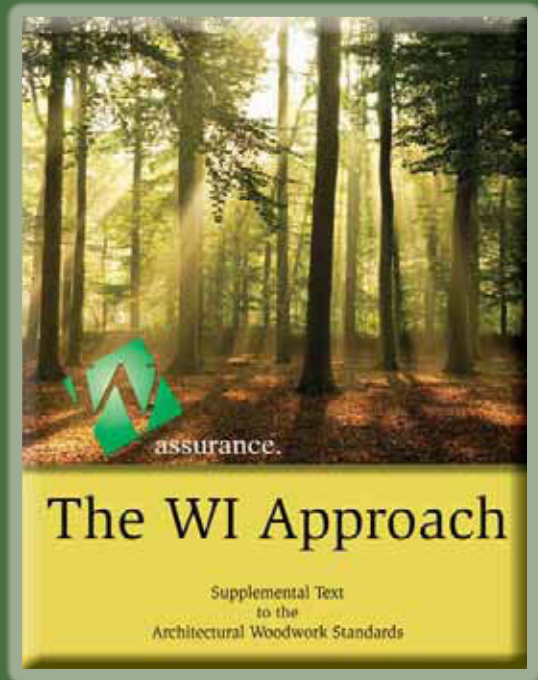
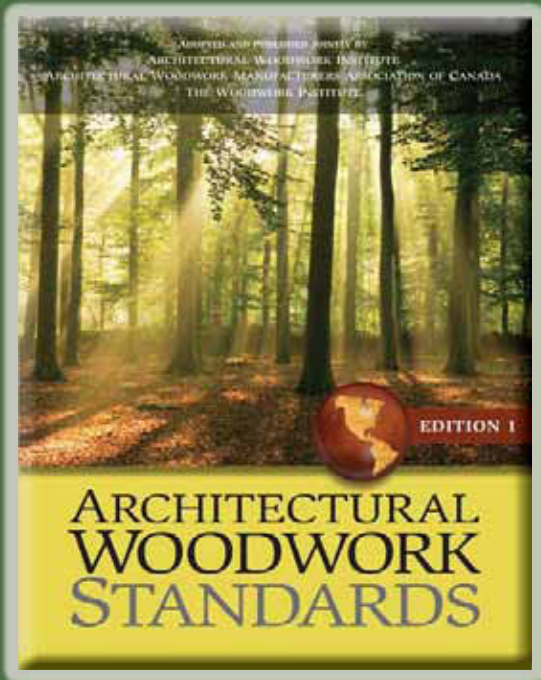
ARCHITECT: Anderson Brule Architects

WOODWORKER: JM Cabinetmaker

GENERAL CONTRACTOR: Sausal Corporation

This new library comes with a nautical design theme, and incorporates a wide variety of materials and techniques. Some of the features include an 18' boat replica with interior bookcase of quarter sawn maple, a circular customer service desk, and a like minder with curved resin panels. The service desk encloses a concrete structural column, and the floors are removable steel panels with utilities below.

NOW AVAILABLE!



Specify with WI coast to coast! **There are many great changes! All for YOU.**

Architectural Woodwork Standards is adopted and published jointly,
as the successor, replacement, and latest edition of:
AWI/AWMAC's *Quality Standards Illustrated (QSI)*, and WI's *Manual of Millwork*.

The WI Approach is Woodwork Institute's exclusive publication, which includes policies,
procedures, assurance options, membership information and much more, and will be
included with your AWS from WI.

- *Architectural Woodwork Standards* will replace our current *Manual of Millwork (MM)*, effective October 1, 2009. If you are currently a manual holder, and have not yet received your copy of the AWS, or if you would like to request a first or additional copies, please send an email to: emily@woodinst.com.
- The effectiveness of the AWS is also based on bid date. If specifications call for *MM* (either latest edition or without edition/date reference), then the October 1st effective date of the AWS governs. If specifications call for the *MM* with an edition/date reference, then the *MM* will govern.
- Mid-to late November, WI will be offering a series of free conference call discussion groups to help answer any questions you may have regarding the AWS or *The WI Approach*. The discussion sessions will last up to an hour. We will keep you updated once dates of the calls are in place, but if you would like to participate, please call Karen Graham at 916-372-9943, for more information.
- The benefits of being a member of WI are growing everyday! Call today for your application! (916) 372-9943, or visit us on the web at www.woodworkinstitute.com.



WOODWORK INSTITUTE



Read and Heed Product Labels

By Judy Kerry, State Compensation Insurance Fund

Warning labels, found on all containers of hazardous materials, provide much of the information handlers need to know to use the material safely. While you can get the same information (and more) from a Material Safety Data Sheet (MSDS), only a warning label can tell you exactly which chemical is inside that particular container.

Labels are important because they're the first alert that there may be hazards associated with using the material found in the container. Understanding warning labels will help you handle and use the material properly and avoid potential health effects. Making sure that hazardous materials are labeled is a responsibility that all employees must share. If you find a container with no label or a torn or unreadable label, tell your supervisor immediately. The one piece of information you need to protect yourself may be what's missing. Do not use or handle the material until you know for sure what it is!

The most important information on the label is a single word indicating how hazardous the material is. There are three levels of hazard wording. They are Danger, Warning, and Caution.

DANGER – means it is the most hazardous kind of material.

WARNING – is less hazardous than Danger, but more hazardous than Caution.

CAUTION – is the least hazardous rating. But even materials labeled "Caution" can be harmful to your health if you don't follow proper procedures.

The label also contains information about its physical hazards, like if the material is flammable, explosive or corrosive. Health hazard information on the label will list such dangers that could be caused by inhalation, irritation to the eyes, burns to the skin or other ill health effects.

Warning labels may also tell you how to properly store and dispose of the material. The label may indicate precautions to take, such as how to clean up, what personal protective equipment to use, and how to handle a spill of the material. First aid instructions may include antidotes for poisons and what steps to take when someone is exposed to the material.

When health and safety is at stake, it pays to double check. Always read the label before you begin a job requiring a potentially hazardous substance. Although you may have used the same substance many times, the manufacturer may have changed the formula or the concentration. Avoid identifying materials by the label's color or design. If the label raises any questions in your mind about the material, read the MSDS, or discuss it with your supervisor.

All secondary containers must be labeled unless it is intended only for the immediate use of the employee who performed the transfer from the original container. This requires that the secondary container stay within the control of that employee and is used within the work shift. The minimum information required is the identity of the hazardous material and appropriate hazard warnings.



Are You Getting What You Pay For?

By Stanley "Rob" Gustafson

In recent months, the Woodwork Institute has been experiencing an increase in inappropriate actions. These actions have been made by firms who are contractually required by project specifications to provide and comply with WI Certified Compliance of their submittals, a fabricated product, or installation thereof. We have seen these inappropriate actions in two forms; intentional avoidance, and/or the misleading and fraudulent impression of compliance.

Avoidance

This is by far the most common, especially in these economic times. It provides a means for the fabricator or installer to save money in their completion of a project's contractual requirements. When WI Certified Compliance is required in a project's specifications, it is intentional and has a subsequent cost. The cost is \$300 for certification of shop drawings or submittals, and \$1,500 for a fabricated product and/or its installation, by a non-WI Member or Non-WI Licensee, in a worst case scenario. WI Members receive a 25% member discount on the above costs, bringing their costs down to \$225 and \$1,125, respectively. WI Member/Licensees receive a 50% discount on the above costs, bringing their costs down to \$150 and \$750, respectively. Additionally, WI Member Licensees enjoy an additional 50% discount on the product, and/or installation certification of projects with a monetary value between \$10,000 to \$20,000, and 100% on projects below \$10,000, which makes their cost \$375 to \$0, respectively.

Traditionally, approximately 85% of the projects certified by the Institute are fabricated and/or installed by Member/Licensees, which brings the average cost for WI Certified Compliance down to \$173 for shop drawings/submittals, and \$863 for a fabricated product, and/or installation.

These problems are usually not with WI Members or WI Member/Licensees, as they risk losing their membership and/or licensee status by failing to properly certify work when required by a project's contract; however, 2 WI Members and/or WI Member/Licensees have been terminated for such since January 1, 2008, so it is possible. But recently, the substantial problem lies outside of the Institute's membership base of fabricators and installers. Contractually, the Institute does not have the authority to impose any consequences on non-member or non-licensees for failing to comply with the contract documents and/or not providing the required certification; that authority lies strictly with the general contractor, design professional, and/or owner.

When a fabricator/installer is allowed to avoid

certification without consequence, someone is being cheated and the fabricator/installer are benefiting from an unwarranted windfall. The minimal consequence for a firm avoiding certification should be to reimburse the contractor/owner for the costs that would have been incurred, plus any overhead and markup they would have normally applied. Since the firms that typically avoid certification are non-members/non-licensees of the Institute, that cost would be \$1,800 for a project requiring certification of submittals, fabrication, and/or installation, plus their overhead and markup of approximately 25%, totaling \$2,250.

That said, the Institute believes rather than waive certification and accept a credit, certification should be actively enforced. The windfall to the firm that avoids certification is not necessarily restricted to just the actual cost of certification. It can also incorporate whatever else they may have chosen to not perform on or conform to, which they do not want scrutinized. It's your design and your specific contractual requirements. WI believes you should get what you are asking for, and everyone should be made to conform to the same minimum requirements.

Fraudulent Misrepresentation

This is the second form of inappropriate firm actions that we've seen regarding certification; although it is notably uncommon. In recent times we have had two occurrences; unfortunately one was just discovered and was proven to be by an ex-member of the Institute, whose WI Membership and WI Licensee status were both terminated in early April of this year for this reason. What has been determined thus far is that:

In approximately mid June 2009, at least two months after the firm's membership was terminated, they forged a copy of a certificate (see sample 1), issued by the Institute annually to acknowledge WI Member and Member/Licensee status renewal, and also to imply they are in good standing. Fortunately, the certificate was questioned by the Inspector of Record (IOR), and the firm's fraudulent and misleading action was revealed.

Because of this, the Institute will need to further review and update their policy of issuing certificates for member/licensee status.

The easiest way to verify a firm's WI Member or Member/Licensee status is to look them up on our website at http://www.woodworkinstitute.com/member_listings/index.asp

After the above was discovered, the IOR then went back and checked the rest of the documentation received from this firm, and thus questioned their shop drawing submittals received in August 2009, and their representation that the drawings were WI Certified. We received a copy of the drawings cover sheet (see sample 2), which used a combination of our registered logo/name marking (which they lost the right to use once terminated), and a registered Certified Compliance marketing logo (WI

continued on page 20

SAMPLE 1

WOODWORK INSTITUTE

Certified Compliance
QUALITY ASSURANCE

This acknowledges that
Lam-Tech Corporation
is a Certified Licensee
of the
WOODWORK INSTITUTE
CERTIFIED COMPLIANCE PROGRAM

Licensed for : **B,C,B-E,C-E**
Licensed Since : **2003**
Holding License No. : **761**
Valid Until : **12/31/09**

Current Authorized Signatories are listed below:
Craig Lilly
Tim Gallant

Stanley R. Gustafson
Stanley R. Gustafson, C.E.O./Secretary

* Provided Woodwork Institute Licensee remains in good standing with the Institute.

NOTICE: Issuance and application of Woodwork Institute Certified Compliance Certificate and Label are necessarily based solely upon visual observation for conformity to the applicable architectural plans, documents, and/or change orders approved in writing by the architect or other authorized representative of the owner. Because all inspections are limited to visual observations only, the Institute cannot and does not verify the structural integrity of product fabrication or installation. Certified Compliance Certificate and Label only serves those functions that can be visually observed at the time of the inspection, and do not in any way verify the structural integrity of product fabrication or installation.

Registered in the office of the Woodwork Institute, PO Box 990247, West Sacramento, CA 95798-0247

SAMPLE 2

REV: DATE: BY:

1

P.O. Box 1578
Wildomar, CA 92595
Office: (951) 600-7593
Fax: (951) 600-7294

WOODWORK INSTITUTE

Certified Compliance
QUALITY ASSURANCE

Issued 02/18
Date: 08-01-09
By: C
COVER

Are You Getting What You Pay For?

continued from page 19

Admin use only), to imply they were WI Certified. Unfortunately, it worked for them, up until things started falling apart, literally.

Indication of WI Certified Compliance on submittals or shop drawings is done by the use of an individual serial numbered label on the cover sheet of the original set (see sample 3). This registered serial number is also confirmed on the WI Certified Compliance Certificate (see sample 4), that is issued to the firm, with copies

Verification of WI Certified Compliance Labels can be made by calling the Institute's Administrative Office, and asking to verify that the serial number is registered to the project in question. The Administrative Office number is 916-372-9943.

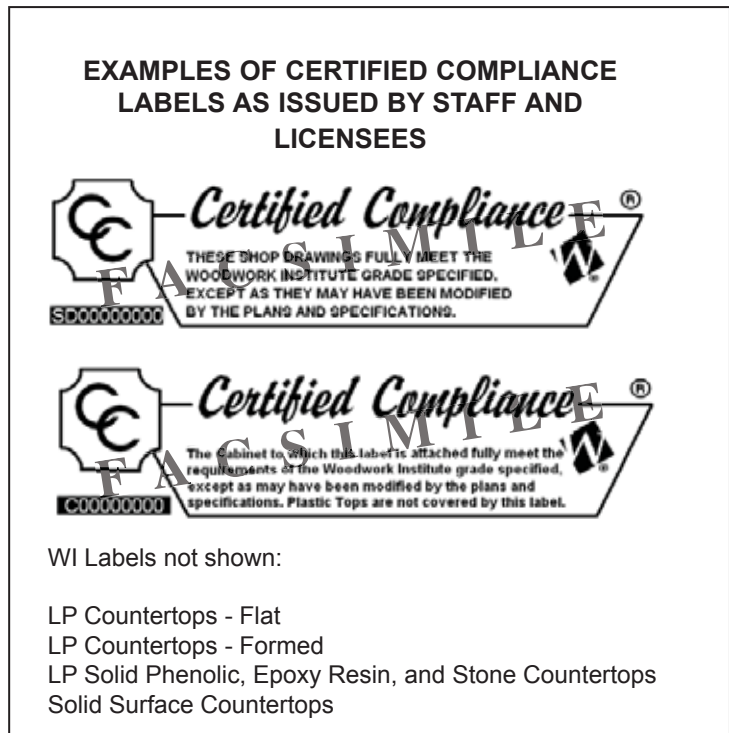
The other recent example of fraudulent misrepresentation involved a WI Member (non licensee), that had a rubber stamp made (an exact, enlarged, duplication of our WI Certified Compliance Label that is used on casework, but duplicated without a serial number), which they simply stamped onto the back of all the casework they were providing when WI Certified Compliance was contractually required. Again, it was an IOR on one of the school projects that questioned the stamp's use.

When our investigation was over we had determined that this now ex-WI Member had gotten by with this practice for over four years, on over 75 public works projects. Additionally, in investigating the casework on which this stamp was used, it was not compliant to the contractual requirements, regardless of whether it was properly certified or not.

Unfortunately, the Institute spent in excess of \$20,000 to no avail; this company simply filed bankruptcy.



These examples of inappropriate actions are far from the norm. Architectural millwork fabricators and installers are typically very reputable firms trying to do the right thing; however, quality assurance is a two way street and we need your assistance to make it reputable and work to its full potential. The Institute is here to help, whether it's simply to require compliance to the Architectural Woodwork Standards (formally the Manual of Millwork), or one of our quality control programs (Certified Compliance [CCP] or Monitored Compliance [MCP]). Anytime you have a question, ask. If you suspect something is amiss, ask. Most importantly, if you are requiring Certified or Monitored Compliance, be sure you get it!

SAMPLE 3



SAMPLE 4

EXAMPLE OF A CERTIFIED COMPLIANCE CERTIFICATE AS ISSUED BY OUR STAFF

 **WOODWORK INSTITUTE**
 **Certified Compliance**
CERTIFICATE

The undersigned certifies that fabrication and/or installation of the following item(s) were or will be furnished to conform to the Architectural Woodwork Standards, Edition 1, quality grade(s) noted, as may have been modified by the plans and specifications:

Plastic Laminate Casework, Including Installation, Custom Grade

for
PROJECT
CITY, STATE
PROJECT NO. 00000000

designed by
DESIGN PROFESSIONAL

MILLWORK PROVIDER
Certified Compliance Certificate No. 00000000

February 00, 2009

CC Labels

SD00000000, C000000000-000000, PL0000000000-000000,
PF0000000000-000000, L0000000000-000000, and S0000000000-000000

Inspector's Signature: _____
Printed Name: _____

NOTICE: Issuance and application of Woodwork Institute Certified Compliance Certificates and Labels are necessarily based solely upon visual observations for conformity to the applicable architectural plans and documents approved in writing by the architect or other authorized representative of the owner. Because all inspections are limited to visual observations only, the Institute cannot and does not verify the structural integrity of product fabrication or installation. Certified Compliance Certificates and Labels only assure those features that can be visually observed at the time of the inspection, and do not, in any way, verify the structural integrity of product fabrication or installation.

Registered in the office of the Woodwork Institute
PO Box 980247, West Sacramento, CA 95798-0247

The above example is modified accordingly when issued by a licensee and/or Monitored Compliance.

WI CHECK POINT

- REFERENCE: ARCHITECTURAL WOODWORK STANDARDS (AWS), LATEST EDITION, PUBLISHED JOINTLY BY THE WOODWORK INSTITUTE, THE ARCHITECTURAL WOODWORK INSTITUTE, AND THE ARCHITECTURAL WOODWORK MANUFACTURERS OF CANADA. ONCE REFERENCED AS SUCH, IT MAY BE REPLACED WITH AWS.
- CHANGE ALL REFERENCES FROM WI GRADES OR MM GRADES TO AWS GRADES.
- THE 3 ASSOCIATES HAVE NOT MERGED! PLEASE CONTINUE TO REFERENCE WI QUALITY ASSURANCE PROGRAMS, EITHER CERTIFIED COMPLIANCE OR MONITORED COMPLIANCE, AS YOU HAVE DONE IN THE PAST.
 - AWI AND AWMAC HAVE THEIR OWN QUALITY ASSURANCE PROGRAMS.

INFORMATION THAT IS EXCLUSIVE TO THE WOODWORK INSTITUTE AND HAS BEEN OMITTED FROM THE AWS DUE TO JOINT PUBLISHING CAN BE FOUND IN OUR SUPPLEMENTAL TEXT, *THE WI APPROACH*.

Specifying “Architectural Woodwork Standards”

continued from page 8

Exposed Interiors: The Woodwork Institute has had problems with the treatment of the interiors of open cabinets and cabinets with glass doors. By sometimes treating those surfaces as exposed, and other times as semi exposed, we have spread confusion and unhappiness. The AWS has created a new surface definition. We now have: Exposed Exteriors (listed as: Exposed), Exposed Interiors, Semi Exposed, and Concealed. In addition to the insides of cabinets with transparent fronts, Exposed Interiors includes the backs of doors and drawer fronts. The rules for these surfaces are also more restrictive than they have been in the past. For Premium Grade they must match the exposed, and for Custom Grade they must match or be similar. For example, at Custom Grade Plastic Laminate Casework, exposed interiors could be Melamine of color and a pattern that is compatible with the exposed laminate. If there is no suitable Melamine pattern, those surfaces would have to match the exposed.

Laboratory Grade: AWI very strongly opposed the idea of providing a laboratory grade. As a result, the AWS doesn't contain one. We believe that you can use the AWS as the basis for a Laboratory Casework Specification by adding laboratory attributes to AWS Custom Grade or Premium Grade standards. Our Laboratory Casework Guide Specification is further explained in Woodwork Institute's exclusive supplemental text to the AWS, *The WI Approach*, and on our website at http://www.woodworkinstitute.com/publications/manual_guide_specs.asp.

www.woodworkinstitute.com/publications/manual_guide_specs.asp.

Square Butt Back and End Splashes at Laminated Plastic Tops: Woodwork Institute has always required that splashes be attached to the edges of the tops in the shop. Edges are required to be sealed, and splashes are mechanically fastened to the deck. Evidently, that is not the way it is done outside our area. The AWS allows what it refers to as “Wall Mount” splash construction. In this case, splashes are sent loose to the job, and are simply glued to the wall after the top is set. We believe that this is an inferior method. We recommend that you require “Deck Mount Splash Construction for all Laminated Plastic Tops with Square Butt Splashes.” The AWS recognizes “Deck Mount” splash construction, and requires that it be done as we have required in the past.

There may be other issues we haven't identified yet. We will continue to update the guide specs on our website. As always, we are happy to review your specifications and details, or answer questions, and feedback is always welcome!

The WI Approach contains most of what is left out of the AWS due to its joint publication, and was previously in the Manual of Millwork. The WI Approach comes complimentary when the AWS is requested from the Woodwork Institute, and can be found on our website at www.woodworkinstitute.com/publications.

PLEASE HAVE PATIENCE...

WE ARE IN THE PROCESS OF UPDATING THE WEBSITE TO COINCIDE WITH THE NEW STANDARDS. AS YOU KNOW, THERE ARE A LOT OF CHANGES, BUT IF YOU ARE IN NEED OF SOMETHING SPECIFIC, PLEASE TO CONTACT EMILY AT (916) 372-9943, OR EMILY@WOODINST.COM, AND WE WILL TRY TO ACCOMMODATE YOU TO THE BEST OF OUR ABILITIES.

resource guide

CABINET LOCKS & SECURITY PRODUCTS

COMPX National

(864) 297-6655
www.compx.com
Please see our ad on page 2

Olympus Lock, Inc

(206) 362-3290
www.olympus-lock.com
Please see our ad on page Back Cover

HARDWARE MANUFACTURER

Brooklyn Hardware

(888) 232-1151
www.panelclip.com
Please see our ad on page 6

INSURANCE SERVICES

Hodges & Russell

(707) 525-5710
www.hr-ins.com
Please see our ad on page 6

PRECISION BALL BEARING PRODUCTS

Accuride

(888) 459-8624
www.accuride.com
Please see our ad on page 5

WOODWORK/CONSTRUCTION

Parker Woodworking & Construction, Inc.

(909) 447-4800
www.pwcinc.us
Please see our ad on page 23

advertiser index

Accuride	5
Brooklyn Hardware	6
COMPX National	2
Hodges & Russell	6
Olympus Lock, Inc	Back Cover
Parker Woodworking	23

Architects & Designers

Did you know that
Woodwork Institute
offers you these benefits at
no charge to you?

■ Architectural Woodwork Standards

The definitive resource
for nation-wide standards

■ The WI Approach

In Institute's exclusive supplemental text to
the Architectural Woodwork Standards

■ Quality control options

Ensuring your projects meet your
expectations

■ Continuing education credits

Enabling you to satisfy your education
requirements

■ Engineering consultations

Helping you make your design a reality

To find out how Woodwork Institute can
give you a competitive advantage,
contact our Administrative Office
or visit the website at

www.woodworkinstitute.com



WOODWORK INSTITUTE

PO BOX 980247
WEST SACRAMENTO, CA 95798-0247
(916) 372-9943
FAX (916) 372-9950

For Your Installation Needs

Parker Woodworking & Construction, Inc. specializes in commercial installation of millwork, casework, T&G ceilings, running trim, epoxy tops and fixtures. We have been in business since 1998 and have built our company one satisfied customer at a time. Our mission is to build solid business relationships and provide outstanding service to our clients.

PWC, Inc. sells Quality, Reliability and Customer Satisfaction. As a Union contractor, our range of services includes:

- **High-End Tenant Improvements**
- **High-End Retail Stores**
- **Public Works**
- **Prevailing Wage**
- **Renovations**
- **New Construction**

Allow us to quote your next project. PWC, Inc. provides quality craftsmanship, competitive pricing and reliability. We pride ourselves in getting the job done right the first time. For additional information and a complete list of references, visit our website at pwcinc.us.



Quality, Reliability & Customer Satisfaction



PWC, Inc.
815 Deep Springs Drive
Claremont, CA 91711

www.pwcinc.us

Tel: 909 447 4800
Fax: 909 447 4011
Email: eric@pwcinc.us

A Single Source Provider for all your cabinet lock needs



education | health care | gaming | airports | museums | prisons | banking | retail | laboratory | lockers



CABINET LOCK SOLUTIONS THAT WORK FOR YOUR FACILITY.

Olympus lock has over 20 years experience designing and manufacturing easily rekeyable pin tumbler, interchangeable core and engineered cabinet lock bodies for third party cylinders. We offer a wide selection of keyways and cabinet lock solutions for commercial and institutional facilities. Our mission is to create pin tumbler cabinet locks of unparalleled innovation, quality, keyway compatibility and value in a manner which sets a new industry standard for excellence. Our design philosophy is to create locks which provide long term benefits to the facility through increased efficiency and easy maintenance. Call us today to find out which locks might be right for your next project.

Member: AWI, WI, ALOA, SHDA

OLYMPUS
LOCK, INC.
The cabinet lock innovators.

18424 Highway 99, Lynnwood, WA 98037
Tel 206.362.3290 Toll free 800.525.0954 Fax 206.362.3569
www.olympus-lock.com / info@olympus-lock.com

KEYWAYS AVAILABLE

INTERCHANGEABLE CORE

Match your cabinet locks to your new or existing interchangeable core key system. Choose from Small Format (BEST), Schlage Full-Size, Medeco, Yale or Corbin/Russwin.

SCHLAGE "C" KEYWAY

Commercial grade cabinet locks on Schlage "C" keyway.

COMMERCIAL KEYWAYS

Less cylinder locks accept any Schlage compatible key-in-knob cylinder including Medeco, Videx and Mul-T-Lock as well as lock bodies for Sargent original cylinders.

SMALL PIN

These low cost alternatives to commercial locks allow for pin-tumbler security without the need of a commercial keyway. Locks are available in National D4291/D4292 or CCL R1 keyways.

Olympus Lock is an AIA certified
continuing education provider.



The architects choice.