



# WWCCA NEWSLETTER

Nov Edition06

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# November Meeting

November 21, 2006

Phoenix Club

Guest Speaker

William Spilchen P.E.—William Spilchen & Associates

Topic:

**The Dynamic Forces that Cause Plaster to Crack  
& Plaster as a Weather-Resistant Barrier**

Hyatt Regency Irvine  
17900 Jamboree Rd.  
Irvine, CA 92614  
Dec. 2, 2006  
Invitations have been Mailed!!!!



## Got News?

Have you got news about your Company, the Association or the Industry?

Send it to Dee Stephen at the WWCCA main office and have it posted in the WWCCA Bulletin or

# ASSOCIATION NEWS



## Expo on Exposition

LOS ANGELES, Aug. 28, 2006—California Expanded Metal Products Co. announces an alliance with Marino\WARE, creating one the largest ventures in manufacturing cold-formed steel framing and metal-lath systems in the country.

Named Expedius, the new alliance will capitalize on both company's multiple locations to create a national presence, as well as introduce a wide range of steel-framing products.

"Our combined plant locations provide the most efficient network for national distribution in the industry," said Ted Poliquin, CEO of CEMCO. "We share a fantastic reputation for customer care, making us a good match both philosophically and geographically."

CEMCO produces materials from full-service plants at its City of Industry, Calif., headquarters and its Denver and Pittsburg, Calif., locations. Marino\WARE has similar facilities in Atlanta, Chicago, Houston and South Plainfield, N.J., its headquarters.

"Our united focus on quality, innovation and service is what sets us apart from other manufacturers," said Chip Gardner, CEO of Marino\WARE. "Working together, we aim to provide the most trusted and contractor-preferred building systems available in steel construction."

More information about the Expedius alliance is at [www.cemcosteel.com/expedius](http://www.cemcosteel.com/expedius) or [www.marinoware.com/expedius](http://www.marinoware.com/expedius).

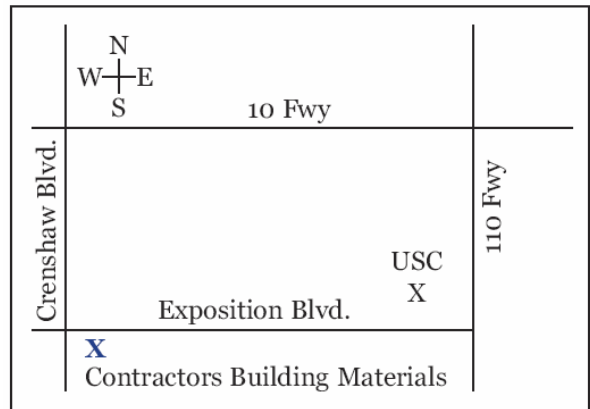
California Expanded Metal Products Co. is the premier manufacturer of cold-formed steel-framing and metal-lath products in the western United States. Its steel-framing product segment includes FireStik™ head-of-wall products, SureBoard® shear-wall panels, Sure-Span® floor joist systems, and truss systems. Founded in 1974, CEMCO is the leader in quality, service and product development, and offers one of the most broad product lines available in cold-formed steel framing for both the commercial and residential markets. Visit [www.cemcosteel.com](http://www.cemcosteel.com) for more information.

## Contractors Building Materials announces the arrival of

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[www.expostucco.com](http://www.expostucco.com)

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- 16/20 • 20/30 • Monterey Smooth
- Foam Coatings



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Conveniently located at:  
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Los Angeles, CA 90018  
323.299.9190 phone  
323.299.9194 fax





## Control Joints and ASTM C1063

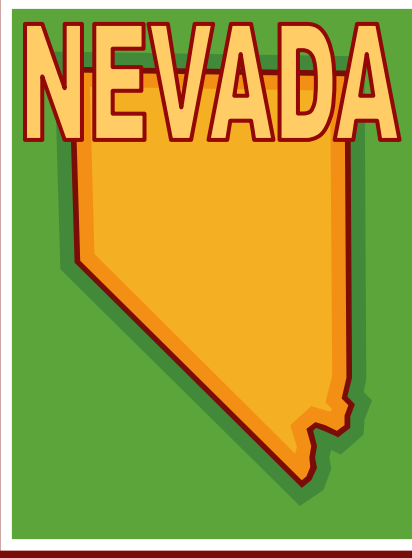
By Michael Logue

The application of plaster control joints has been an area of misunderstanding and confusion for some time. At the core of the confusion is ASTM C1063, section 7.10.1.4 which states: "Lath shall not be continuous through control joints but shall be stopped and tied at each side." In order to comply (in part) with this requirement, the vertical control joints must be located over framing members sufficient to attach the longitudinal edges of the lath where they terminate into the control joint. Such attachment is specified in the 2001 CBC table 25 A-C footnote 6, which states: "Maximum spacing of attachments from longitudinal edges shall not exceed 2 inches (51mm)." This requirement is vital as unsupported longitudinal edges of lath will have a tendency to curl up and pull away from the plaster accessory during hydration of the fresh plaster when shrinkage occurs normally as the volume of the plaster changes with the evaporation of water.

Further confusion in the above referenced section of ASTM C1063 is in the requirement to tie each side of the lath at the joint. This requirement was inserted into the standard in an era where building paper was referred to as backing, lath was tie wire attached to the framing members, and sheathing, and screw attachments were non-existent. The language is recognized as antiquated and updates to the standard are currently being reviewed in the ASTM subcommittee C11.03.

In today's market, where lath is screw attached to cold formed metal "C" studs through gypsum sheathing and a weather-resistant barrier, vertical control joints are often detailed without the required framing members to provide backing. The industry recognized method for vertical control joint attachment, in the absence of backing, is to either screw one wing of the expanded flange XJ-15 to a single framing member (provided it exists) and tie wire attach the opposite flange, or tie wire attach the entire XJ-15 to the surface of the self-furred lath. In both cases, the lath is not cut behind the joint and the XJ-15 has a 1/2" ground to compensate for the 1/4" furring of the lath it is attached to. Horizontal control joints can be installed before the lath and the lath can be installed to the framing members at 16" on center. These XJ-15 joints must have a 7/8" ground.

## NEVADA NEWS



### Las Vegas Membership Meeting" Venue Change"

The November 30th "Labor Night" meeting will be held at Bali Hai Golf Clubs "Cili" restaurant.

Check In: 4:30 to 5:00  
Dinner: 5:00 to 6:00  
Program: 6:00 to 7:00

- ◆ Las Vegas WWCCA's Third Quarter Membership Meeting topic was entitled "School Construction". The WWCCA was privileged to have guest speaker Mr. Fred Smith - Director of Construction Management for Clark County School District. As the fifth largest school district in the nation, Mr. Smith discussed the ways and means it intends to construct 105 new schools by the year 2010.
- ◆ Mr. Smith was later joined by representatives from three Architectural Firms; Cambero, JMA and S & H. With an open panel forum, they fielded questions from contractor members on items such as the advertising, awarding of construction contracts for new schools and editions, rehabilitation / modernization of existing schools, design prototypes, ways and means to improve the bidding climate and Union Labor's market share.
- ◆ In October WWCCA / TSIB participated in the 2006 AIA Las Vegas Product Show for the fourth straight year. What made this year's event somewhat special is that this was one of the last events scheduled to be held at the famed STARDUST HOTEL. The STARDUST HOTEL is scheduled to close its doors this November and to be later imploded to make room for a Four Billion Dollar, yes \$4,000,000,000.00 mega resort. This project will follow on the coat-tails of the CITY CENTER project. Currently under construction, the CITY CENTER's scope of work has grown from a planned Four Billion Dollar project, to approximately SEVEN BILLION, yes, \$7,000,000,000.00 multipurpose project. What ever happened to the good old Motel 6 days?

For More information about WWCCA's Las Vegas location, please contact Manager, Robert Campbell at (702) 319-2717





## What do we know about Efflorescence?

By Kenneth Parks  
Cemex USA

One of the phenomenon's that appear in the fall and spring is efflorescence. It appears in concrete construction as well as stucco/masonry construction. What exactly is efflorescence? A dictionary definition (Wiktionary.org) of efflorescence is "The formation of a powdery surface on crystals, as a hydrate is converted to anhydrous form by losing loosely bound water of crystallization to the atmosphere." To put it into layman's terms, efflorescence is the product of water moving through a wall and bringing the natural salts to the surface. When the water and natural salts arrive at the surface; the water evaporates and the salts combine with the carbon dioxide in the air to form the white powdery substance on the surface of the wall. In the plastering industry we are referring to the crystalline deposit, usually white, that may develop on the surface of integrally colored exterior Portland cement plaster finishes or the calcium or alkaline salt which forms as a blotchy, powdery or crystalline deposit on the surface of Portland cement plaster finishes. Now that we know that efflorescence is the white, powdery substance on the surface; what causes it?

Efflorescence occurs as a result of a combination of factors. Those factors include soluble salts, physical forces applied to the walls, moisture that is present, and an opening through which the salts may migrate to the surface. Where do these salts come from? The soluble salts are present in the earthen building materials, water, and may leach from the soils and migrate into the building substrate. Quantities of water soluble salts as small as a few tenths of one percent are sufficient to cause efflorescence. Physical forces applied to the wall include wind, capillary action, hydrostatic pressure and osmotic pressure. The moisture present for efflorescence to occur may come from many sources.

Those sources include but are not limited to the mixing water, cleaning water, precipitation, groundwater, condensation or even from the landscaping sprinkler system. Lastly there must be a pathway for salts to migrate out of the wall. These pathways could be from hairline cracks, shrinkage cracks, settling cracks, cracks from vibrations or even microscopic openings in the material itself. If one of the above factors is not present, efflorescence should not occur. What type of controls should we put in place to try to minimize the chance of efflorescence occurring?

There are many things that we can control to help minimize the chance of efflorescence occurring. The things we need to consider are:

- Properly graded aggregates
- Clean aggregates
- Low water/cementitious ratio mixes
- Proper curing techniques
- Good workmanship techniques
- Provide for good drainage away from the structure

Everyone must remember that there is one thing we cannot control; that is Mother Nature. Since we cannot control the weather; we need to make sure the above list of considerations that we can control is emphasized. If efflorescence does occur, what should we do?

There are many options on how to deal with efflorescence:

- Dry brush the surface then flush the surface with clean water
- Clean the surface with a vinegar and water solution (1 part vinegar to 5 parts water) and try a test patch first to check for possible discoloration of colored wall.

- Saturate the wall with water, then wash with a diluted acid solution (2-5 parts hydrochloric acid to 100 parts water), and follow with an alkaline wash, and finally wash with water (try a test patch first to check for possible discoloration of colored wall).
- Let the efflorescence run its course, use fogging equipment, and repeat if necessary
- Contact the manufacturer of the cleaning solutions for recommendations
- Remember to try out test patches with these cleaning options first; these options may cause discoloration to the colored walls.
- Always remember to use the proper safety equipment when working with any chemical for cleaning efflorescence.

To summarize the information above we need to remember that efflorescence is a naturally occurring phenomenon in construction. The four factors described above; soluble salts, a physical force, moisture, and an opening, must be present for efflorescence to occur. There are items that can be controlled to help minimize the possibility of efflorescence and there are items we cannot control. There are ways to clean efflorescence, but it must be pointed out that just because it is cleaned off one time that does not mean the efflorescence is complete. There is a chance that secondary bloom may occur. One final note: Safety first when dealing with any chemical. Wear the proper safety equipment and review manufacturers' suggested applications and warnings.

For further information on efflorescence, please contact the National Ready Mixed Concrete Association ([www.nrmca.org](http://www.nrmca.org)) or the Portland Cement Association ([www.cement.org](http://www.cement.org)).

# INDUSTRY NEWS



## New Training Center in Ontario

**ONTARIO, Calif.** – The Southwest Regional Council of Carpenters opened a \$15 million, 72,211-square-foot training center at 3250 East Shelby in Ontario, CA. Its mission is to teach union apprentice carpenters and journeymen the latest construction techniques and safety measures in order to increase their job productivity and work quality. Sheriff Gary Penrod, Ontario City Manager Greg Devereaux and Joe Oltmans II of Oltmans Construction Co., contractor for the facility, joined Executive Secretary/Treasurer of the Southwest Regional Council of Carpenters, Mike McCarron, union contractors, union officials and hundreds of carpenters to inaugurate the center. It will open for classes on November 13.

“The Inland Empire is among the fastest growing areas in the nation, creating strong demand for infrastructure and public facilities such as schools and libraries, as well as industrial, office and other commercial buildings,” noted McCarron. “To keep pace with this growth, the Carpenters Union is ensuring there is a well-trained workforce to assist contractors to deliver projects on time and on budget. At the same time, we are creating new, well-paying job opportunities for our members.”

The United Brotherhood of Carpenters is investing \$175 million annually in training nationwide to keep its members competitive in today's economy.



The Southwest Regional Council of Carpenters is the nation's largest regional council with 60,000 members in Southern California, Nevada, Arizona and Utah. It operates 14 training centers in the region, spending \$20 million a year on training programs.

The Ontario Training Center already has 165 apprentices signed up for its inaugural training classes that will start November 13. Larger than a football field, the center is a state-of-the-art facility for the Carpenters Union. Its 39,885-square-foot open floor accommodates instruction in steel stud framing, drywall installation, concrete forms, scaffold erection and bridge construction.

Five classrooms are set up to accommodate instruction in blueprint reading, construction safety, first aid/CPR, mathematics and language skills. Journey-level carpenters can improve their skills through advanced courses including aerial, advanced blueprint reading, pre-cast/tilt-up concrete construction, building layout, clean room protocol, stair construction, roof framing and total quality management.

Architect Bruce Bailey, vice president and executive architect at Gin Wong Associates, designed the Ontario Carpenters Training Center and Oltmans Construction Co. was the contractor.

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# Southern California Drywall Finishers

The Painters and Allied Trades DC# 36 and the WWCCA have completed the Drywall Finishers Contract Negotiations. The Agreement which was ratified by the Members on October 7, 2006, resulted in a four (4) year agreement and a total package of \$8.00 broken down as follows.

YEAR 1  
\$2.15

YEAR 2  
\$2.00

YEAR 3  
\$2.00

YEAR 4  
\$1.85

All Increases are effective October 1, 2006, District Council #36 has taken the option to designate a one dollar seventy three (\$1.73) increase to wages. This increase affects all Journeymen Drywall Finishers and the appropriate Apprenticeship percentages.

Effective January 1, 2007, District Council #36 has taken the option to designate a forty cent (\$.40) increase to Health & Welfare. This increase effects all Journeymen Drywall Finishers, Apprentices, Spray Texture Tender, Incentive and Tenant Improvement Category's as set forth in Article: 18-B

Effective October 1, 2006, Kern County - Antelope Valley: Shall receive 85% of the Los Angeles area Drywall Finishers Base Wage Rate and Fringe Benefits set forth in Article #18 of the Master Labor Agreement.

## Calendar Events November

- 11 - Veterans Day (WWCCA office Closed)
- 12-15 FCA - Las Vegas, NV/Caesar's Palace
- 14-16 Finishing Industry Forum/Las Vegas, NV/Caesar's Palace
- 21 - WWCCA Members Meeting
- 23 - Thanksgiving Day
- 30 - Las Vegas Membership Meeting/ **Venue Change:** Meeting will be held at the Bali Hai Golf Clubs " Cili " restaurant.

## December

- 12-02 WWCCA Annual Christmas Gala; Hyatt Regency Irvine
- 12-24 Christmas Eve
- 12-25 Christmas Day
- 12-25 - 1-1-07 WWCCA Office will be closed

## January

- 01-01-07 New Years Day
- 01-16-07 WWCCA Membership Meeting-Phoenix Club
- 01-15-07 Martin Luther King Day

## New Members

### Contractors California

**Fryes Construction, Inc.**  
**Todd F.Metcalf (Lath & Plaster)**

### Contractors Nevada

**Components West, LLC**  
**Thunder River Inc.**

### Affiliates California

### Affiliates Nevada

**Franklin Stucco Supply  
of Nevada**



## Pam's Place

### Welcome to Pam's Place

Well this month I decided to do a Pam on the street interview with this question in mind. To all you men:

What is your idea of a man's world? Here is a small taste of what a few **Men** think a man's world should be about:

Family, Love, Debauchery, Wine & Golf (and in that order)  
World Peace  
Recognition  
Being pampered by his family  
Beach Front House @ Newport Beach  
Family, power, building, adventure, and speed.  
Fine wine, juicy steaks, sexy women  
A remote to control everything.  
Wine (or beer), a good woman, music, a library and a garden.  
Beer, Boobs, Fire & Meat (Simple!)  
Having a healthy, loving wife. (Good boy)  
Health, Happiness, Friends, Recreation and \$\$ (Where's the Woman?????)  
Don't give up the Remote!

.....  
Let's hear it from the **Women**  
A man's world is vivid and forthright  
Sports, Sex, Food, TV  
To give me his pay check of course.  
Being married to me, That's what makes his world perfect! just ask him! Definitely the remote control and Junk food (Other than that I'm speechless..)  
No one is better than him  
Non-existent... ha ha!!!!  
To cook a fabulous dinner and pamper me from head to toe. (Good One)  
To care for me the way I do him. (Yep)  
I want to come back as a man  
To be under his domain with tender loving thoughts of me in every area  
Play Golf without guilt (I like this one)  
Him letting me believe that I'm in charge and Me letting him believe that he's in charge.

Remember Guys, if you haven't got a smile on your face and laughter in your heart.....Then you are just an old sour fart;) )