



SHEAR BULL

Palm Beach County Roofing & Sheet Metal Contractors Association

Affiliate of FRSA and NRCA

January 2010

Volume 23 • 1

January Program

Building Officials Update

Where:

Crowne Plaza
Belvedere Rd. & Australian Ave.

Date & Time:

January 27, 2010
6:00PM-7:00PM Cocktails/Networking
7:00PM-9:00PM Dinner Meeting

SEATING IS LIMITED

Make your reservations now,
Call Ron Frano:
561-655-5393

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Newsletter & Website Maintenance by

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Shingle Recycling Considerations

BY Harry Dietz

TECHNOLOGICAL INNOVATION in the roofing industry recently has focused on roof systems that incorporate environmental features such as cool roofing materials, photovoltaic collectors and surface vegetation. A less visible environmental aspect of roof systems involves the amount of waste generated by their construction and demolition. Asphalt shingle tear-off that ordinarily would be sent to landfills is now more frequently being recycled into hot mix asphalt (HMA) for road construction.

HMA obstacles

Early efforts to use asphalt shingles in HMA focused exclusively on scraps or waste from the initial manufacturing process. Manufacturers' shingle waste is easy to combine with HMA because it contains valuable asphalt and aggregates, can be ground, is free of contaminants, and requires simple material delivery or pick-up. However, using asphalt shingle tear-off in HMA raises some issues. Chief among these is contamination-asbestos, nails, plastic, wood and other debris diminish the material's integrity, and most state paving specifications have not allowed its use. However, research is under way to test the suitability of shingle tear-off in HMA applications and assess its economic value to state departments of transportation and private HMA users.

Use of asbestos to manufacture roofing shingles in the early 1960s through the early 1970s was rare, and, consequently, only a small percentage of shingle tear-off contains asbestos. Testing by recyclers of asphalt shingles ground for use in HMA shows the presence of asbestos to be negligible; however, some states restrict the inclusion of ground shingle tear-off in HMA because of the possible presence of asbestos.

Most recycling machinery easily handles removing nails and other metal contaminants that are part of recycled waste, but other debris poses problems for shingle tear-off use in HMA. Successful recyclers visually monitor the quality of shingle tear-off brought to their facilities and randomly sample materials in loads for asbestos content.

Continued Page 3

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If you have a problem in relation to this industry, please contact the appropriate committee chairman for assistance. Non-members are accorded the same privilege.

Opinions expressed in any of the articles submitted to the Shear Bull, are not necessarily the opinions of the Palm Beach County Roofing and Sheet Metal Association

President's Message

We begin the new year and new decade with hopes that our economy will improve and business for roofers will prosper. Welcome to our returning members. I look forward to serving as your President for the year 2010. The 2010 Board members are aware of the need for members to tighten their belts with respect to



annual expenses. For that reason, we try to offer you value for your dues dollars. In this upcoming year we will continue to offer Continuing Education classes to our members at no charge. We will offer seven (7) credit hours during our monthly general membership meeting which is half the bi-annual requirements for licensed roofers. Three nights the classes will be for one hour and two nights they will be for two hours each night. The classes are presented during your meal. You will gain the necessary credit hours while enjoying a delicious meal and networking with other roofers with similar issues being faced by you. We think this is value for your money. We will continue our dialogue with Building Officials in Palm Beach County. In fact, our first general membership meeting of 2010 will be with building officials where we can discuss the codes and the procedures being adopted in each of the departments. We send out an invitation to all building officials to share an educational event with our members. This has always been a well attended meeting by roofers and officials. In some years we have reached 90 attendees. We hope you will join us on January 27, 2010 for this important meeting to review issues that have a major impact on our businesses.

Sincerely,
Ben Preston, President
Preston Enterprises



Shingle Recycling Considerations, (continued)

For roofing contractors, recyclers' requirement for uncontaminated shingle tear-off has made recycling a less attractive alternative than a landfill. Unless a recycler charges reduced tipping fees-amounts charged for dumping loads of debris-it makes little economic sense for a roofing contractor to separate contaminants from shingle tear-off

Therefore, most recyclers accommodate roofing contractors' reluctance to segregate shingle material from other tear-off debris by accepting mixed debris that has been loaded in a trash container in separate layers at the job site. At a recycling facility, For more information about shingle recycling, go to www.professionalroofing.net. 74 contaminants loaded at the top of a container can be removed easily.

Saving money

Estimates of the amount of asphalt roofing shingles deposited in U.S. landfills each year range from 6 million to 18 million tons. The yearly cost to roofing contractors or disposal of asphalt shingles in landfills is estimated to be more than \$300 million.

As landfills reach capacity and close, costs to dump debris will increase and may make recycling shingle tear-off more costeffective. If research supports the value of shingle tear-off in HMA, wider acceptance on the part of state departments of transportation for recycled shingle tear-off to be included in HMA should positively affect potential markets for it and boost economic incentives to recycle.

Opportunities

Recycling of residential tear-offs is being requested by more homeowners, which may provide a marketing opportunity for roofing contractors well-versed in the logistics of shingle recycling. Minimizing a roofing project's environmental effects by recycling shingle tear-off makes you a responsible steward of the planet; the fact that it also can positively affect your bottom line makes it a smart business decision.

Harry Dietz is NRCA's director of risk management.

February 2009 www.professionalroofing.net

February Program

February 24, 2010
CEU Two 1 Hour Credit Classes

Asset Protection CILB #0009694 and
Business Entities CILB #0008547

6pm to 7pm networking -
7pm to 9pm class during dinner
with Bill Unger

For Details Call Ron Frano:
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Family and Medical Leave Act - (FMLA)

The U.S. Department of Labor (DOL) issued its final regulations clarifying and interpreting significant changes to the Family and Medical Leave Act (FMLA) of 1993; the changes took effect Jan. 16. As you probably know, FMLA is the federal law that provides eligible employees the right to take up to 12 weeks of job-protected, unpaid leave for absences that, until these recent changes to FMLA, only stemmed from reasons such as caring for one's serious health condition or his or her immediate family members or for the birth or placement of a child.

The final regulations recently have been the subject of significant discussion following DOL's initial proposed changes to FMLA in February 2008. Those proposed changes were highlighted in "A New FMLA," May 2008 issue, page 40.

The new regulations were developed in response

to the more than 4,600 public comments received after the proposed regulations were published and address the passage of military leave provisions in the National Defense Authorization Act (NDAA) for fiscal year 2008, multiple court decisions invalidating portions of DOL's former regulations, DOL's 15-year

experience enforcing and administering FMLA, and extensive discussions with various stakeholders.

The final rules are intended to clarify existing provisions and alleviate the friction between employers and employees that resulted from previous ambiguities and inconsistencies. Although only time will tell whether DOL accomplished its objectives in formulating the final regulations, one thing is clear: Your obligations as all employer have changed, and you need to be prepared to address these changes when administering FMLA leave..

Industry Websites

- ASTM - www.guidance-inc.com/~roofroof/
- American Consulting Engineers Council
acec.org
- American Institute of Architects - aia.org
- American Society of Civil Engineers -
asce.org
- Cedar Shake & Shingle Bureau -
www.CEDARBUREAU.org
- Construction Industry Management Council
(CIMC) - www.cimcpbc.com
- Construction Specifications Institute -
<http://www.csinet.org>
- Copper Development Association -
<http://www.copper.org>
- Division of Workers' Compensation -
<http://www.wc.les.state.fl.us./DWC/>
- Florida Roofing, Sheet Metal & Air Conditioning Contractors Association -
www.Floridarroof.com
- Galvalume Sheet Producers -
www.steelroofing.com
- National Roofing Contractors Association
(NRCA) - <http://www.nrca.net>
- National Society of Professional Engineers -
nspe.org
- Roofing Contractors Association of South
Florida (RCASF) - www.rcasf.org
- Roofing Industry Education Institute -
[http://members.aol.com/RIEIROOF/
classes.htm](http://members.aol.com/RIEIROOF/classes.htm)
- Roof Tile Institute - www.rooftile.org
- Sheet Membrane and Component Suppliers
to the Commercial Roofing Industry (SPRI) -
www.SPRI.org
- Sheet Metal and Air Conditioning
Contractors' National Association
(SMACNA) - <http://www.smacna.org>
- The Council of American Building Officials
(CABO) - <http://www.cabo.org>



www.topnotchridge.com

561-276-9745



February 2010



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
January 31	February 1	2	3 CIMC 7:45am	4	5	6
7	8	9	10 Board of Directors Meeting 12:30pm	11	12	13
14	15	16	17	18	19	20
21	22 CILB 2:00pm	23	24 General Membership Meeting	25	26	27
28	March 1	2	3	4	5	6

FRSA EVENTS

January 21-23, 2010

FRSA Board of Directors and Committee Meetings
One Ocean Resort, Atlantic Beach, FL

April 29-May 1, 2010

FRSA Board of Directors and Committee Meetings
Boca Raton Marriott, Boca Raton, FL

June 16-19, 2010

FRSA's 88th Annual Convention and Roofing &
Sheet Metal Expo
Shingle Creek Resort, Orlando, FL

For further information on FRSA events,
visit www.floridarooft.com or
call 800-767-3772, ext. 100

Industry Events

February 22 - 24, 2010

International Roofing Expo
Morial Convention Center, New Orleans, LA

For further information
visit www.TheRoofingExpo.com or
email: info@TheRoofingExpo.com

PBCR & SMCA

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