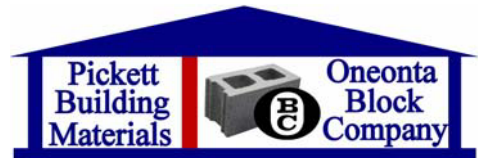


# Contractor

Service & Industry

# Bulletin

January 2011



6459 State Highway 23, Oneonta, NY 13820-6550  
607-432-8391, Fax 607-433-6284



Otsego Ready Mix, Inc.  
2 Wells Avenue  
Oneonta, NY 13820  
607-432-3400



## Otsego Ready Mix

Offering Winter Service for 2011

### 2011 WINTER SCHEDULE

Available Mondays by appointment  
Open Tuesday - Friday

Check with dispatch to schedule your concrete deliveries.

Call us at 607-432-3400

Winter concrete needs special attention. Otsego Ready Mix will continue to provide you with quality materials and service throughout the winter months.



## Basic Installation Training Class

Learn from our experience. If you are thinking of building with NUDURA Insulated Concrete Forms, we encourage you to take this "ONE-DAY ICF TRAINING COURSE". The one-day training provides builders and installers with basic NUDURA ICF installation skills. NUDURA is committed to providing the highest level of training, ensuring you get the knowledge you need to get the job done with efficiency and confidence.

**WHEN:** March 17, 2011 8:00 am to approximately 5:00 pm

**WHERE:** Holiday Inn, Oneonta, NY

**COST:** \$150 PER PERSON

To sign up, visit [www.nudura.com](http://www.nudura.com) and click on "Training Courses". Or, contact Jeff or Paul in contractor sales at Pickett Building Materials for further information. 607-432-8391



## Gloves

We have a great assortment of styles and sizes



### Therm Plus Extra Thick

- Textured latex for good grip & extra wear
- Acrylic shell for comfort and warmth

#3407178 Large \$5.99 pair  
#6224562 Xtra Large \$5.99 pair



### Diamondback Thinsulate

- Synthetic Leather Palm
- Thinsulate lining provides superior warmth.

#2075885 \$15.99 pair



### Leather Driver

- Split Leather for extra warmth and wear
- Elastic back for a tight, comfortable fit

#9279530 \$12.99 pair



### Polar Express Glomitt Glove / Mitten Combo

- Provides access without removing your glove.
- Features Polar Grip with Storm-Tech lining

#GLO240 \$4.99 pair

This is just a few of what we have in stock at Pickett.

## January Special!

Save \$1 per pair on any of these select gloves



## Boom Truck Deliveries Available!

Rely on Pickett and Oneonta Block to safely deliver materials to your job site.

Picking up at our yard? We'll load materials safely onto your vehicle so they arrive undamaged at your destination.

Please keep in mind that Pickett / Oneonta Block will not load material onto a vehicle that is obviously overloaded or does not have the capacity to transport the product securely and safely.



# Ice Buildup on Roof Edges



Ice forms on a roof when the temperature of the structure melts snow, which turns to ice when it reaches the lower temperatures of the overhang, causing ice buildup (or damming). There are several ways of dealing with this condition, such as heating cables or adding additional insulation to the main attic area. To solve an immediate problem, chopping an opening in the ice buildup will allow water to escape, but it also creates big time wear and tear on the existing roofing.

A Minnesota businessman, John Valiton's brainchild is the Ice Viper, which is a fabric tube containing ice-melting chemicals. You can find more information at [www.iceviper.net](http://www.iceviper.net). These tubes are laid at strategic points in the offending dam, and they melt a flow channel to release the trapped water. It's been suggested that a nylon stocking filled with road salt might do in a pinch. We caution that any chemical used for this purpose should be checked to see if it will create any problems to the existing roofing system before use.

## Pneumatic Nailers under Fire

In a past issue, the Journal of Light Construction (JLC) included information from an investigative report highlighting safety issues of "contact-triggered or bump-fired pneumatic nailers". It seems that Duke Researcher, Hester Lipscomb, researched over a decade and has identified some interesting data:



- At the peak of the highest construction period, there were 42,000 reported injuries involving pneumatic nailers, with an annual 5 year average of 37,000. This does not include self-treated injuries, which would make the count much higher.
- Using contact-triggered tools have twice the injuries of that of workers using sequentially triggered tools.
- Injuries were recorded with workers who were well trained, although injury rates are higher with inexperienced or poorly trained workers.
- It is estimated that 65% of injuries could have been avoided by using sequential firing nailers which are those that require activation of the trigger each time.
- In Ohio and North Carolina-69% of nailer injuries could be attributed to inadvertent nailer discharge or misfire. Both problems can be largely eliminated by using sequential triggers.
- Interestingly, the study showed that 70% of studied injuries were associated with tasks typical of framing, rather than with flat-nailing jobs like sheathing.

The article points out that it is just a matter of time before limitations are placed on the use of nailing equipment. Safety experts and insurance companies may need to find ways to reduce risks. Many builders are convinced that contact-trigger tools are substantially more efficient than sequential-trigger guns, but there is little data to back those assumptions up. At this time most pneumatic nailers are shipped with sequential fire triggers installed and contact trigger parts provided for self-installation.

### THINK SAFETY

We are including this information to develop your awareness that power nailing equipment, though very beneficial, does come with a risk. Taking time to make sure equipment is functioning properly, that it is well maintained, and in the hands of trained people is a very important part of using power nailing equipment within your company.

## Ice Melt Products in Stock



**60TS 60# Tube Sand** **\$3.95**  
*Coarse Traction Grit. Available in 60# heavy-duty, re-sealable bag. (Fits into trunk of car for extra weight on snow and ice)*



**70DS 70# All Purpose Sand** **\$3.95**  
 Sterilized Sand. Perfect as traction material on icy walks.



**50RS 50# Rock Salt** **\$4.95**  
 Inexpensive Ice Melting product. Effective against ice and snow. Crystals also provide instant traction.



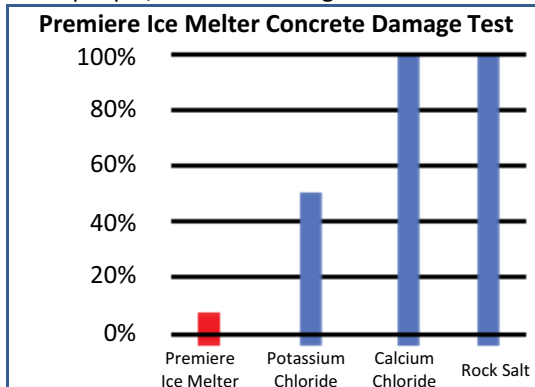
**4410270 20# Zero Ice Melt** **\$4.00**  
**6090088 50# Zero Ice Melt** **\$11.50**

Contains magnesium chloride, potassium chloride and sodium chloride for three-way melting action. Aqua-tinted crystals make it easy to see and eliminates over-application. Goes to work fast and melts below 0°. Will not harm surfaces when used as directed.



**PIM50 50# Premier Ice Melter** **\$11.50**  
 Designed for commercial and residential customers concerned with protecting assets and vegetation.

- Effective to -8°
- Contains vegetation enhancers and protectors
- Virtually non-corrosive to metal and concrete
- Safer for people, animals and vegetation.



# Otsego Ready Mix, Inc.

## Scaling Concrete Surfaces



### **What** is Scaling?

When concrete scales from freezing and thawing, the finished surface flakes or peels off. The degree of scaling is determined by the amount of aggregate exposed due to loss of surface mortar. Other types of scaling exist, but are not covered here.

### **Why** do Concrete Surfaces Scale?

Concrete slabs exposed to freezing and thawing in the presence of moisture and/or deicing salts are susceptible to scaling.

Most scaling is caused by:

- The use of concrete with too little or no entrained air.
- Application of deicing salts.
- A finishing operation performed while bleed water is on the surface. If bleed water is worked back into the top of the slab, a very high water / cement ratio is created.
- Insufficient or no curing. This often results in a weak surface skin.

### **How** to Prevent Scaling

- Use entrained concrete having a low water / cement ratio and moderate slump. This helps produce a strong wear resistant surface.
- Do not use deicing salts on new or recently placed concrete. Use clean sand for traction. Poor drainage permits water or salt and water to stand on the surface for extended periods.
- Provide proper curing which insures the right combination of cement with water and allows the concrete to achieve its highest potential strength.
- Do not perform any finishing operations with bleed water on the surface.

### **How** to Repair Scaled Surfaces

The repaired surface will only be as strong as the base surface to which it is bonded.

A CLEAN, ROUGH, TEXTURED surface is ideal for a thin bonded resurfacing such as:

- Portland cement concrete resurfacer
- Latex modified concrete resurfacer



*Concrete in Practice CIP 2, researched and written by the National Ready Mixed Concrete Association*



An opening is available in our Port Crane location. This is a great opportunity for someone looking to work full time doing sales and yard work. Contact Frank O'Donnell for more information at 607-432-6641.

## OSHA's Ruling Regarding Articulating / Knuckle-Boom Trucks



The National Lumber and Building Material Dealer Association have been working with OSHA to clarify the rulings to avoid including Boom Trucks with Cranes and Derricks that are used in the construction industry. The original proposal would have imposed significant new requirements on the operators of material delivery equipment, such as commercial truck-mounted articulating boom and knuckle boom trucks used for delivery by most material dealers. It would have included certification of operators, plus additional personnel on deliveries, and maintenance requirements beyond manufacturer's recommendations, plus additional precautions under OSHA's safety umbrella. Basically the Aug 9<sup>th</sup>, 2010 ruling, now allows for the delivery of materials placed directly on the ground and can be hoisted onto a construction platform if equipped with overload protection most commonly known as a "lifting moment limiting device" (LMLD). Most new boom truck equipment comes equipped with the new LMLD system which prevents operation past safety limits, such as overloading and over extending.

In the final analysis the OSHA ruling makes a distinction between "material deliveries" and "construction activities" within this distinction, delivering trusses and then lifting them in place would now be subject to the rule and its requirements. As we obtain additional clarification from OSHA we will share this information so we can all stay within OSHA's guidelines.

NLBMDA's Regulatory Council Frank Moore at [frank@dealer.org](mailto:frank@dealer.org) can provide additional information.



# Landscape Report

## NEW Lighting Products Available at Oneonta Block Company in 2011

In addition to our Integral Lighting line, Oneonta Block Co. is planning to bring on two new lines of exceptional lighting systems. Look for brochures and pricing in the Spring of 2011 or give us a call now for more information 607-432-6641

# in-lite®



By approaching the market creatively and innovatively, in-lite has become one of the trend-setting brands in the field of outdoor lighting. In-lite gears its products to the needs of the contemporary garden. Durability and user-friendliness are our aim. Garden lighting entails more than just putting a few lights in the garden. It determines how we live in the dark, outside but inside too: your garden can become an extension of your interior.

[www.in-lite.com](http://www.in-lite.com)

# CAST LIGHTING



CAST Lighting offers extremely durable, sand cast, solid bronze fixtures. These hand-made fixtures combine the beauty of old world craftsmanship with modern innovative technology manufactured by Cast Lighting. All fixtures carry a Lifetime Limited Warranty on the stakes, body and casting. In the installation, we use only UL listed Stainless Steel multi-tap transformers including both primary and secondary magnetic circuit breakers with timer and photocell on-off controls. All transformers carry a Lifetime Limited Warranty on transformer windings and the Stainless Steel enclosure. Special Order Only

[www.cast-lighting.com](http://www.cast-lighting.com)

Call Frank, Brian or Lael at 607-432-6641 for pricing, availability and brochures



## Closed-Cell Spray Foam

vs.

## Open-Cell Spray Foam

Q

We are considering the use of Spray-Foam insulation in the walls of our new addition, but we're confused about which type to use. Can you clarify the difference between open-cell foam and closed-cell foam, and where you would use one instead of the other?

&

A

All spray-foam insulation contains the same basic materials: a sticky polyurethane resin that reacts with moisture in the air; and a blowing agent, a gas that forms

bubbles and makes the resin expand. As open-cell insulation cures, the bubbles pop before the material hardens. As closed-cell insulation cures, the bubbles remain intact, filled with a low-conductivity gas. As a result, open-cell foam has the consistency of a light, fluffy angel-food cake, with an R-Value of 3.5 to 4 per square inch. Closed cell foam is hard and dense, with an R-value of 5 to 7 per inch.

### OPEN-CELL

### CLOSED-CELL

#### Pros

- > Costs less to achieve the same R-Value
- > R-Value remains steady over time.
- > Flexible, moves with wood framing
- > Effective Sound Barrier

#### Pros

- > Strengthens framing
- > Does not absorb water; good for basements
- > Blocks moisture; walls may need a separate vapor retarder

#### Cons

- > Does not strengthen walls
- > Absorbs water; not suitable for basement walls
- > May require a vapor retarder, depending on climate

#### Cons

- > R-Value degrades slightly over first two years
- > More expensive than Open-Cell