



# eNewsletter

Spring 2013

April 1, 2013

**Mailing Address:**  
PO Box 24  
New Carlisle, OH 45344  
  
**Email:**  
[info@ohioprecast.org](mailto:info@ohioprecast.org)

## OPCA Board

- President  
Mike Foust
- Vice President  
Tim Gahm
- Secretary/Treasurer  
Julie Stewart
- Trustee  
Mike Stiger
- Trustee at Large  
Evyian Terry
- Associate Trustee  
Jesse Wingert
- Past President  
Mike Hoffman

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## 2013 OPCA Conference

Over 50 OPCA members and guests met in Columbus March 11-12, 2013 for a successful annual conference. Eleven organizations were Gold sponsors and exhibited their products. Another four member organizations were Silver sponsors. A list of the sponsors will be shown with the photo collage later in this newsletter.

Several presentations were given on various topics including smoking cessation, safety first protection, precast lifting practices, and microbial induced corrosion. An update of the new Ohio Dept. of Health regulations was presented by Howard Wingert. New for 2013 was the Associates Corner where several associate members presented a short topic on their company.

A meeting was held Monday afternoon to manage the business of the association. Michael Hoffman, Interim President, presided over the meeting. A treasurer's report was given, as well as a membership report. Two task groups were created:

- By-laws task group: revise the OPCA by-laws
- Conference task group: evaluate the current meeting format to see if it might be combined with another industry event, or be held at a different frequency.

A new slate of Association officers were elected by the members. A separate article in this newsletter will highlight the new association leaders.

## Mailing Address

Several pieces of mail have been sent to a former address from members sending their dues payment, conference registrations, or other business. The OPCA uses PO Box 24 in New Carlisle, OH for mail, and this is the address to which all correspondences should be sent. The only change to this would be when an invoice is sent for annual dues which may have a remit to address of the Treasure of the Association.

## Seeking Articles for the Newsletter

Do you have a desire to write small articles? Would you like to see your work published in our trade newsletter? The OPCA would like to hear from you. We need articles that are 100-500 words in length. They can be technical, related to safety or health, or be a personal interest story. Submit your request to [info@ohioprecast.org](mailto:info@ohioprecast.org) for consideration.

# 2013 OPCA Leadership

A new slate of officers was elected for the Ohio Precast Concrete Association at the conference in March.

Mike Foust from Quaker City Septic Tanks was elected to serve a two-year term as President of the association. Tim Gahm from Norwalk Concrete Industries was elected to be the Vice

President, and Mike Stiger from Stiger Precast was elected to be Trustee, both a two year term. Jesse Wingert from Concrete Sealants was elected to serve the one year term of Associate Trustee.

Remaining on the board for the second year of their two year term are Julie Bumen-Stewart, Secretary/Treasurer,

and Evyian Terry, Trustee at Large. Michael Hoffman will serve as the Immediate Past President.

The board agreed to retain Frank Palas and Sam Lines, both from Concrete Sealants, to share the duties of Executive Director of the associate.

**“People don’t care how much you know, until they know how much you care.” ~ Zig Zigler**

## Tech Talk...How do I do that?

By Sam Lines

One of the questions that I hear most often at Concrete Sealants is this: How much sealant do I need? The best answer is to use enough to provide a water tight seal. Every joint needs to be evaluated, but to find a starting point, I have successfully used the following formulas.

Formula constants:

**Sa** = Sealant area (in<sup>2</sup>)

**Hc** = Height compressed

**Wc** = Width compressed

**F** = Force, The weight applied per linear foot of joint (Total weight in LBS / perimeter in FT)

**mF** = (wall width \* 120)

*How much sealant do I need?*

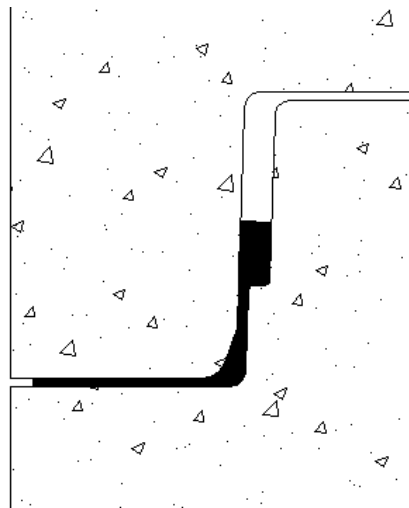
Compare the maximum force (**mF**) to the actual force (**F**).

If **F** < **mF**, multiply the total width of the joint, including slopes, by 0.18

If **F** > **mF**, multiply the total length of the joint, including slopes, by 0.1

**This is the total area (volume) of sealant required to fill the joint.**

Using this cross-sectional volume, determine is one or two rows of sealant will be used. If using one row, select a sealant size with a volume equal to or greater than the amount found during the calculation.



If two rows of sealant are used, divide the required total volume by two and select a sealant size with a volume equal to or greater than the amount found during the calculation.

*How wide of a band of sealant can I expect after compression?*

Divide the force (**F**) by 100. This will provide an estimated size in inches of the width of the compressed sealant (**Wc**).

Using this information, along with the known area of sealant (**Sa**), you can calculate the height after compression (**Hc**)

**Hc = Sa / Wc** (If the **Hc** is not >50% compression, too much sealant is in the joint.

If the sealant compression height (**Hc**) is known, you can find the width of the sealant (**Wc**) in the joint by this calculation:

**Wc = Sa / Hc**

These are some basic calculations. There is nothing that is exact. The sealants all have variances, and the castings will also vary. But, this is pretty close, and is a good start.

*Sam Lines is the Sales and Safety Engineer for Concrete Sealants, Inc.*

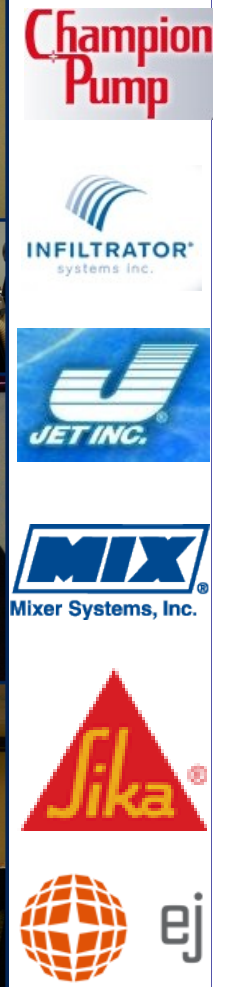
# 2013 OPCA Conference Photo Collage



### Silver Sponsors

- Hamilton Kent
- Tuf-tite
- Scioto Valley Precast
- Norwalk Concrete Industries

### Gold Sponsors



**MONTPELIER GLOVE & SAFETY PRODUCTS**  
 "Distributor of Safety, Industrial, and Maintenance Supplies"

**W.P. HILTS & COMPANY**  
 Serving the Concrete Industry since 1970

**POLYOK**  
 Innovations in Precast, Drainage & Wastewater Products

**OEC Ohio Electric Control, Inc.**

**E·M·H**  
 Engineered Material Handling

Thank you sponsors for helping make our conference a success.

**Ohio Precast Concrete Association**

PO Box 24  
New Carlisle, OH 45344

Phone:412.389.1607

E-mail: [info@ohioprecast.org](mailto:info@ohioprecast.org)



**OUR PURPOSE**

The Ohio Precast Concrete Association (OPCA) is a group of producer members and associated industries cooperating together as an association. The intent being to bring pertinent issues and information that impact the Precast Concrete Industry, to the attention of government agencies which participate in the origination of these issues.

The OPCA is interested in assisting these agencies by providing expert advice and counsel in the development of regulations involving the industry and the general public.

The OPCA producer and associate members whose products and services range from the construction of buildings and highways to the manufacture of precast concrete products for the treatment of commercial and residential waste water. The OPCA member products and services affect the lives of nearly every Ohioan on a daily basis.

Some specific areas of interest being pursued by the OPCA are as follows:

The introduction of new sewage guidelines relating to the specific construction and operation of home waste water treatment products (septic tanks, aerators, etc.) by the Ohio department of health and the Ohio EPA.

The introduction of programs and policies relating to the testing of materials and products being used on Ohio Department of Transportation projects.

The development of quality control procedures and inspections services training by the Ohio Department of Transportation.

The Ohio Precast Concrete Association will be expanding its' scope of interest as membership roles grow and diversify. The need for input, regarding issues and regulations which effect the large segment of the public which it serves, comes to the forefront.

# OPCA Member Companies

**PRODUCER MEMBERS**

- E.C. Babbert, Inc.
- Everly Concrete Products, Inc.
- Hanson Pipe and Precast
- J.K. Precast, LLC
- Lindsay Concrete Products
- Mack Industries
- Norwalk Concrete Industries
- Premier Precast Products
- Quaker City Septic Tanks, LLC
- Scioto Valley Precast
- Sickels Septic Tanks, Inc.
- Spoerr Precast Concrete, Inc.

- Stiger Precast, Inc.
- Uniontown Septic Tank, Inc.
- United Precast, Inc.

**ASSOCIATE MEMBERS**

- A-lok Products, Inc.
- A.L. Patterson, Inc.
- Blackthorn, LLC
- Champion Pump Company
- Concrete Sealants, Inc.
- EJ USA, Inc.
- Engineered Wire Products, Inc.
- Euclid Chemical
- Hamilton Kent, LLC

- Infiltrator Systems, Inc.
- Jet, Inc.
- Mixer Systems, Inc.
- Ohio Electric Control, Inc.
- Polylok, Inc.
- Sika Corporation
- St. Mary's Cement
- Tuf-Tite, Inc.
- W.P. Hilts & Company