

# HOLLOW METAL XPRESS

## August 2008 Newsletter

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**NAAMM** NATIONAL ASSOCIATION OF  
ARCHITECTURAL METAL MANUFACTURERS

### Where's Delbert?

***Delbert was recently in the Garden State, the setting for HBO's popular series "The Sopranos." How well do you know Tony Soprano and his Capos? Be one of the first three to email [Marketing@HMXpress.com](mailto:Marketing@HMXpress.com) with all the correct answers to win a prize!***

***"Forgetaboutit!!!"***

***Paulie was upset that Italians invented \_\_\_ but were not making any money off of it.***

- Pizza***
- Wine***
- Espresso & cappuccino***

***What did Janice use in the basement to find the Sopranos' lost treasure?***

### Labor Day Holiday

Hollow Metal Xpress will be closed on September 1st to celebrate Labor Day. We hope you have a safe and happy holiday.

### New Texas Distribution Center

HMX has opened a sales office and distribution center in Austin, TX. Located just minutes from Interstate 35 in southeast Austin, this facility was opened to better serve our customers in the Texas and Midwest markets. Dan Knowles, Territory Manager, has relocated from the former HMX sales office in Missouri. Dan has over 18 years of industry experience and has been with HMX since 2006. Dan will be heading up all sales and distribution activities at the new facility.



### Ask Delbert?

**Q:** I am kind of confused about the available steel door cores. What are their attributes and is one really better than another?

**A:** Fantastic question. There are 5 standard cores that are used for Hollow Metal Doors. They are . . .

- Honeycomb - just like a bee's honeycomb, only made from trees.

- o A basic, general purpose door used for interior or medium traffic.
- o Est. R factor = 2.62
- o Est. U factor = .381
- o Est. STC rating = 32
- o Upto 3 hour fire rating
- o Good for general interior use.

- Polystyrene - fully insulated foam core, solid slab.

- o These are the most commonly specified insulated core and are suitable for exterior applications.
- o Est. R factor = 6.87
- o Est. U factor = .146
- o Est. STC rating = 32

- a. *Chesel and hammer*
- b. *Metal detector*
- c. *Backhoe*

**Tony Sirico (Paulie Walnuts) has been killed 17 times in movies and refuses to ever play a "rat."**

- True**
- False**

**Which character shot Tony?**

- a. *Silvio*
- b. *Christopher*
- c. *Uncle Junior*

**Which character did Tony suffocate after the automobile crash?**

- a. *Jason Barone*
- b. *Paulie*
- c. *Christopher*

**Who was shot in the leg at the card game?**

- a. *Christopher*
- b. *Gene*
- c. *Furio*

Congratulations to last month's winners!

Tom Godfrey  
Brabner & Hollon, Inc.  
Mobile, AL

Jeff Matteson  
Integrated Door Solutions  
Santa Clara, CA

Paul Frisbie  
Door & Hardware  
Management, Inc.  
Carlsbad, CA

Up to 90 min. fire rating  
o Good for both general interior and exterior use.

- Polyurethane - fully insulated foam core, solid slab, injected/expansion foam.

o Boast superior insulating properties and are suitable for exterior applications in cold climates

o Typical R factor = 12

Typical U factor = .08

STC rating varies

o Due to some increasing environmental and life-safety issues, there are some who are moving away from this type of core.

- Fire Core board - Temperature rise 30 min/250, 450 & 650 degrees Fahrenheit.

o These are specialty cores used when heat from one area to another (a stairwell, for instance) must be retarded.

- Steel Stiffened -

o Feature steel ribs in the interior of the door and are ideal for high traffic situations where durability and security are important.

o Est. R factor = 1.17

Est. U factor = .855

Est. STC rating = 24

Up to 3 hour rating

Another issue encountered by metal doors is the "thermal bow". Exterior Polystyrene and Polyurethane core doors are often prone to "thermal bow". Honeycomb and Steel Stiffened cores are less prone to this. Using a lighter color finish paint may also help.

Additional information may be found by on our web site as well as links to the NAAMM or SDI web sites. [Click here.](#)

We encourage all of you to email your opinions or ask Delbert questions. You can contact Delbert any time at [Delbert@HMxpress.com](mailto:Delbert@HMxpress.com)

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