

HOLLOW METAL X PRESS

COMMERCIAL DOOR SYSTEMS

Ask Delbert?

Q. I am kind of confused about the available cores for hollow metal doors. 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

[H Series Doors](#)

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

Polystyrene - fully insulated foam core, solid slab

[P Series Doors](#)

- + These are the most commonly specified insulated core and are suitable for exterior applications.
- + 6.87 = Est. R factor .146 = Est. U factor 32 = Est. STC rating
- + Up to 90 min. fire rating.
- + Good for both general interior and exterior use

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

- + Boast superior insulating properties and are suitable for exterior applications in cold climates
- + 12 = Typical R factor .08 = Typical U factor STC rating varies
- + Due to some increasing environmental and life-safety issues, there are some who are moving away from this type of core.
- + Polyurethane can be sprayed in or "foamed" in place or dropped in as a core.

Mineral Core Board - Temperature rise core

[T Series Doors](#)

- + Temperature rise 30 min. 250, 450 degrees Fahrenheit
- + These are specialty cores used when heat from one area to another i.e., a stairwell, must be retarded for a period of time.

Steel Stiffened - Steel rib core

[S Series Doors](#)

- + Features steel ribs in the interior of the door and are ideal for high traffic situations where durability and security are important.
- + 1.17 = Est. R factor .855 = Est. U factor 24 = Est. STC rating
- + Up to 3 hour rating

For additional information, visit the NAAMM / HMMA web site. In particular, read [HMMA 810-87](#).

HMX will be at the DHI Show in Nashville on Oct. 18th. Please come visit at our booth - 710.

We'll have samples of our products and manufacturing capabilities. Our staff will be able to answer your questions about all facets of hollow metal doors and frames.

In addition, **HMX is a sponsor for the Amigos party on Oct. 19th.** We'll have invitations at the booth to what has become one of the best events of the Show. See you there!

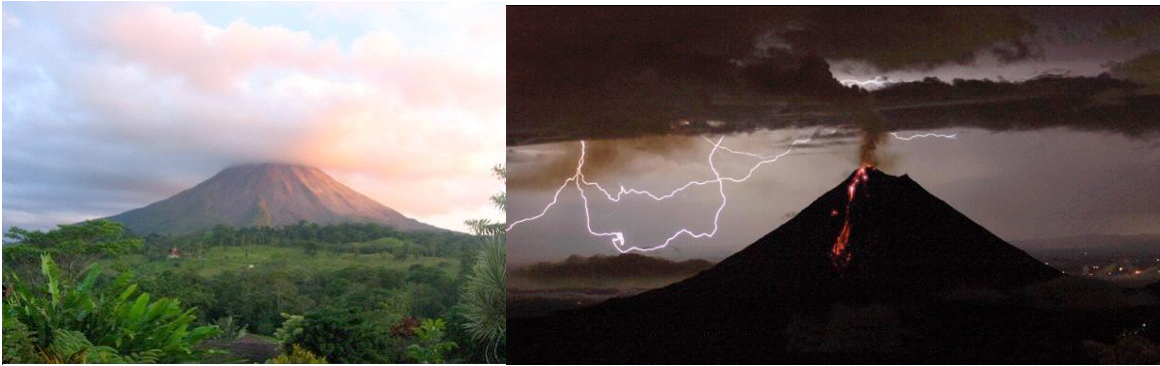
We would be happy to include you in our email version of this newsletter.

It includes a trivia contest each month with a \$50 first place prize.

Visit our web site - www.HMXpress.com - and click on the Opt In button on our mailing list.

Visit our web site at:
www.HMXpress.com
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Where's Delbert?



Delbert is once again off of the Homeland Security's "No Fly List" and is jet-setting outside of the country, passport in hand. Never fear though, he is still in the Western Hemisphere.

Facts & Clues

About the volcano:

- Is a Stratovolcano, similar to Japan's Mt. Fuji.
- Has been consistently active since 1968 and now has smaller, daily eruptions and lava flow.
- Volcano aficionados have declared this volcano to be the 3rd most perfect volcanic cone in the world.

About the country:

- National symbol is the Oxcart.
- Christopher Columbus discovered this country in 1502.
- Has 112 volcano craters.
- 130 species of freshwater fish
- Elevations from Sea Level to 12,529 ft.
- Is famous around the world for sport fishing and surfing.

Trivia Contest Winners in July 2007

Congratulations to the winners of the last contest! We had a tie for 3rd place!

- | | | |
|-------------------|------------------------------|----------------|
| 1. Sandie Moore | Acoustical Material Services | San Bernardino |
| 2. Michael Gordon | CalPly | Austin |
| 3. Jeff Caswell | Vortex | Phoenix |
| 4. Bill Hays | Atlass Hardware | Davie, FL |

We will be awarding a \$50 gift to the 1st person to correctly identify Delbert's location with the Country and with the volcano name. Additionally, the 2nd and 3rd persons to correctly respond will each receive select and much sought after gifts. As if all of this wasn't enough, the 1st, 2nd and 3rd place winners each month, will be entered into a drawing, to be held at the end of the year, for a Special Grand Prize, to be announced.

Click here to submit your answer! Marketing@HMXpress.com

Remember, to give as many people as possible a chance to win, you are not eligible to win 2 months in a row, so encourage your co-workers to enter. If they don't currently receive the HMX newsletter, they may contact their Territory Manager or go to the HMX web site at WWW.HMXpress.com and click the Opt In-Sign In link.