

# ICFA Blast Demo

Conducted by

FPED - Force Protection Exposition and Demonstration  
a bi-annual Military and Homeland Security exposition and trade show

## ◆◆◆ ICF Wall Setup ◆◆◆



### **Day 1:**

Form & pour the slab. Received the concrete only at 3:00 in the afternoon. While waiting for concrete, the platform for the overhead slab was prepared.

### **Day 2:**

Formed the walls in heavy rain & snow then installed decking cover the top with a tarp & called by 11:10 a.m., with approximately 1 hour of work remaining to finish the box.

### **Day 3:**

Finished & poured our box. While we were on site, ECO Block, IntegraSpec, Nudura & TF Form were also poured.

In total, there were 10 ICFs participating. IntegraSpec, Eco Block, Royal Plastic, Polysteel with two boxes, Nudura, TF Form, Logix, Phoenix, Quad Lock & Super Form

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## ◆◆◆ Blast Day ◆◆◆



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## ◆◆◆ Performance ◆◆◆



Participants could witness the blasting from a safe distance

In March 2005, at the invitation of the ICFA, Marc Philippe and Bill Naegeli participated in a “Blast” Demonstration for the Force Protection Exposition and Demo, a bi-annual Military and Homeland Security exposition and trade show held at Quantico Marine Base in Virginia, with 9 other ICF manufacturers. The IntegraSpec structure was quickly erected and poured without incident. (Which could not be said of all ICFs)

In April 2005, our team, along with Mark Ross of ART Inc. witnessed a spectacular display of fortitude. Each ICF structure was directly hit with 50 lbs. of TNT, from a distance of approx. 6 feet. US Marine Corp detonation team conducted, supervised, and recorded details of the performance of each ICF structure. Evaluations were not published, however, to negate any focus on competition.

**IntegraSpec** performed to the highest standards. Our structure had very little damage. (Left) **IntegraSpec’s** wall remained intact without holes, corner failures or other structural failures. Our strength could be contributed to solid consolidation with our easy flow through web design and the continuous contact of EPS to the concrete face facilitated by our interior dovetail grooves. Here’s one for the good guys!



IntegraSpec’s box (on the left) after the blast test