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## NEWS RELEASE

### **NoricF4™ Custom Metal ICF Frames Receive Fire Ratings and Comply with Antiterrorism Standards for Buildings**

Omaha, Neb. (March 9th, 2010) – Reward Wall Systems’ NoricF4 Custom Metal ICF Frames have received fire ratings of 1.5 hours to 3 hours and they have been evaluated to be in compliance with the prescriptive requirements of the Department of Defense Minimum Antiterrorism Standards for Buildings for blast/force protection.

The NoricF4 is structurally integrated to the cast-in-place ICF concrete wall with an embedded flange around the entire perimeter of door and window openings. The NoricF4 has been shown to satisfy the Unified Facilities Criteria (UFC) 4-010-01 for both door and window frames and door and window mullions.

The UFC Antiterrorism Standard requires building components to adopt and adhere to common criteria and minimum construction standards to mitigate antiterrorism vulnerabilities and terrorist threats.

“There is an increase of government buildings and educational facilities using insulating concrete forms to build structures, with an added importance on safety. It’s important that Reward provides products that meet the stringent requirements for fire ratings and blast protection,” Kelvin Doerr P.E., VP of Engineering and Technical Services.

The allowable levels of protection and standoff distance are summarized in various span tables. A door frame meets the standard at a maximum size of 96 inches wide and 156 inches high. A window frame meets the standard at maximum width of 72 inches and a height of 156 inches. Door and

*(More)*



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window mullions openings meet the requirements at a maximum opening size of 72 inches wide and 156 inches high. Additionally, fixed window frames with integral window stops provide the necessary glazing bite for wet glazed (i.e. silicone glazed) windows.

Reward Wall Systems designed and created the NoricF4™ custom metal frames for doors and windows, to further enhance the building envelope required by commercial Insulating Concrete Form (ICF) construction.

The NoricF4 is a pre-formed steel, 2-in-1 custom metal frame (CMF) that combines the buck and the frame in one system, which eliminates waste, speeds door or window installation time, and is customized to fit any specification. This product was released June 24<sup>th</sup>, 2009

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Located in Omaha, Nebraska for the past 20 years, Reward Wall Systems, Inc. is a leading manufacturer and distributor of insulating concrete forms used in residential and commercial structures. Reward's customers include developers, architects, general contractors, residential contractors, and construction supply distributors. To learn more about Reward Wall Systems, Inc. go to [www.rewardwalls.com](http://www.rewardwalls.com).

**Noric***f*<sup>4</sup><sub>e</sub><sup>TM</sup>  
Custom Metal ICF Frames