



# FORTRESS

PROTECTIVE BUILDINGS

*A Subsidiary of BakerRisk®*



Hazard	Design Basis	
Blast	8 psi, >200 ms (long) duration with minimum wall displacement	
Thermal Radiation	1/4" impinged saturated propane jet fire for 1-hour; <139°F internal air temperature	
Toxic (Gas Ingress)	<0.1 ACH main building <0.03 ACH interior SIP room	
Fragment	3/4" thick steel required for same resistance to 1" projectile	
Weather	Extreme Weather Resistant	
Quality	Flexibility	
<p>FORTRESS has partnered with Tindall, an industry leader in precast concrete manufacturing, to fabricate the structural modular sections. Tindall has been PCI certified for over 50 years. Through a stringent quality assurance program with inspection and testing protocols, the PCI certification ensures that the FORTRESS modules are fabricated to our high design specifications.</p>	<p>The modular sections are configured to make the best use of the available space, and the "open" design of a FORTRESS allows for a flexible floorplan that fits the client's needs. Office spaces, meeting rooms, locker rooms, break rooms, bathrooms, and conference rooms are example options for fit out. Our sales team will work closely with you to understand the building's use and identify the build out options to meet those needs.</p>	
Time		
<p>With the design, engineering, and testing of FORTRESS already complete, building finalization is simply a matter of the client selecting floor layout and optional items. Having the structural modular sections fabricated off-site removes approximately 60 to 70% of the on-site building construction activities, reducing the overall construction schedule by at least 30 to 40% when compared to traditional site-built construction. Other benefits from the reduced on-site construction activities include minimizing disruptions to site operations and improved overall site safety.</p>		

[www.FORTRESSProtectiveBuildings.com](http://www.FORTRESSProtectiveBuildings.com)