



Risk Management Series: Primer for Design of Commercial Buildings to Mitigate Terrorist Attacks (Fema 427 December 2003)

By Federal Emergency Management Agency U.S.

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 106 pages. Dimensions: 11.0in. x 8.5in. x 0.2in. The purpose of this primer is to introduce concepts that can help building designers, owners, and state and local governments mitigate the threat of hazards resulting from terrorist attacks on new buildings. This primer specifically addresses four high-population, private-sector building types: commercial office, retail, multi-family residential, and light industrial. However, many of the concepts presented here are applicable to other building types and/or existing buildings. The focus is on explosive attack, but the text also addresses design strategies to mitigate the effects of chemical, biological, and radiological attacks. Designing security into a building requires a complex series of tradeoffs. Security concerns need to be balanced with many other design constraints such as accessibility, initial and life-cycle costs, natural hazard mitigation, fire protection, energy efficiency, and aesthetics. Because the probability of attack is very small, security measures should not interfere with daily operations of the building. On the other hand, because the effects of attack can be catastrophic, it is prudent to incorporate measures that may save lives and minimize business interruption in the unlikely event of an attack. The measures should...



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Reviews

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