



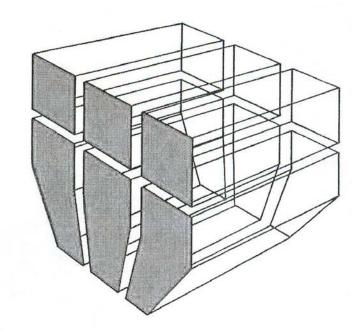
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Evaluation of Glass Fiber Reinforced Concrete Panels for Use in Military Construction

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Glass fiber reinforced concrete (GFRC) materials are investigated for potential use in military construction, especially as exterior building panels. Because GFRC technology is relatively new, long-term durability data are lacking. However, reliable aging tests have been designed that allow the material's performance to be predicted past the 50-year lifetime required for military construction.

Results indicate the GFRC panels are suitable for use in military construction. These materials may, in many cases, provide an economical alternative to conventional construction. The recommendation for their acceptance includes the stipulation that proven methods be used in the panels' design and application (e.g., steel stud frame backup and "L" anchors).



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