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Strengthening Structures | Protecting Lives Worldwide.



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Blast hardening of Rexene chemical Plant, Odessa, USA.

The Rexene Chemical Plant manufactures and markets thermoplastic and petrochemical products. Due to various chemicals and machinery used in the plant, there is a potential threat of explosive blast situations occurring. The existing concrete masonry walls surrounding this area were not sufficiently designed to handle such a blast load.

Fibrwrap® Construction was contracted to perform the application to structurally strengthen the CMU walls to be able to withstand and mitigate an explosive blast. The glass-based Tyfo® SEH-51A System was applied over the CMU wall sections to give them the required strengthening.

Project: Blast hardening of
Rexene chemical Plant

Location: Odessa, USA

Client: Rexene Plastics &
Polymers

Scope of Works:

- Structural strengthening of CMU walls against an explosive blast

