

Limited Access Construction Areas



San Carlos Hospital

San Carlos, Spain



Ledite® allows construction of two rooms without disturbing existing structures.

Project
Two Linac Rooms

Problem
Limited Site Access
Limited Building Space

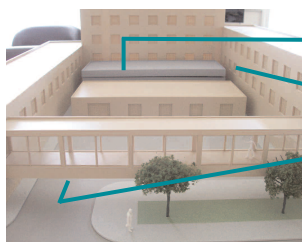
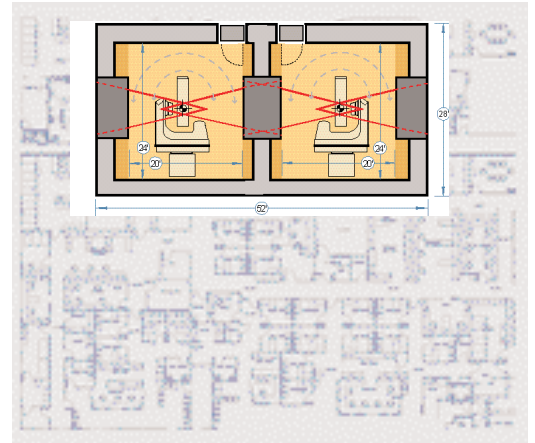
Solution
Ledite® Construction

After calculating the amount of concrete that would have been required, as well as the problems associated with the site access and its limited area, the client decided on using Ledite block for bunker construction. Not only did it allow them to build the new bunkers where they had space, but it also eliminated any need to alter the existing buildings. The same could not have been said for concrete construction.

They could not be happier with the overall savings and speed of construction, as well as the trouble-free installation.

With fixed structures, in particular a pedestrian walkway, and limited space, San Carlos Hospital turned to Atomic and Ledite to build their new Linac bunkers. With the flexibility of a moveable block, Ledite allowed for egress into the construction area without the need to remove an existing walkway (which would have been necessary with concrete construction). With significant

space savings compared to concrete, the standard maze entry Ledite rooms were able to be constructed within the confines of the existing courtyard, and did not rise above the existing second floor windows of the hospital. Significant time savings were achieved with the elimination of concrete deliveries, while the project was taken off the critical path.



Ledite® Room construction:

- Easily fit inside existing courtyard
- Did not block second story windows
- Eliminated the need to tear down existing pedestrian walkway (the main artery for movement between buildings) for construction area access.

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