

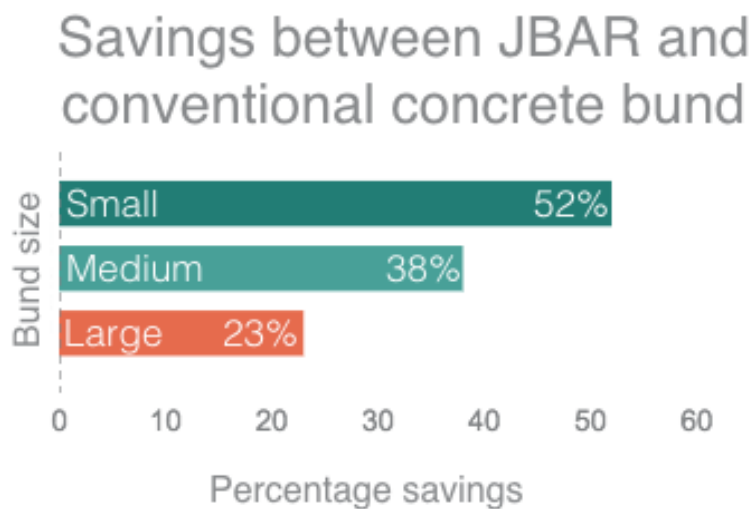
Cost Comparison Executive Summary

Objective:

The objective of this study is to compare installation costs between JBAR (Containment and Flood Mitigation System) and the traditional concrete wall method.

The methods:

JBAR is designed to protect key assets from flooding and to contain oil spills. Available in various lengths, heights and shape configurations, it's a modular system that can be installed at most sites, whatever their size or location.



Our method involved a price comparison between three sizes of bund (5x6m, 10x6m and 20x6m) for JBAR and the traditional concrete wall equivalent. We looked at a variety of heights for each type of bund from 300 to 1200mm. While the saving is consistent when looking at the various sizes of bund, there are some dramatic changes within the different heights of bunds:

- 1) Concrete Wall shows a significant rise in cost when the height changes from 300 to 600mm high, as the wall at this height (and above), necessitates a foundation.
- 2) JBAR shows a significant rise in cost when the height changes from 600 to 900mm high as the J Bar at this height (and above), necessitates additional Fillets.

The Results:

5mx6m bund size	JBAR cost saving
300mm bund height	58%
600mm bund height	72%
900mm bund height	34%
1200mm bund height	44%

10mx6m bund size	JBAR cost saving
300mm bund height	26%
600mm bund height	61%
900mm bund height	28%
1200 bund height	39%

20mx6m	JBAR cost saving
300mm bund height	19%
600mm bund height	34%
900mm bund height	15%
1200mm bund height	24%