

PROJECT INFORMATION



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Client	<i>Amplats</i>
Project	<i>Lining of run-off canal</i>
Liner Specification	<i>2,0mm HDPE</i>
Size	<i>3 900m²</i>
Date Completed	<i>2001</i>
Contractor	<i>Fraser Alexander Construction (Pty) Ltd</i>

Application Details

The trapezoidal canal running near the Brakspruit Shaft on the Marikana Mine required lining to prevent seepage from the canal entering the shaft area.

ENGINEERED LININGS

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Trapezoidal Canal at Marikana mine



A 2,0mm thick HDPE geomembrane was used as the primary liner. This was then covered with a heavy duty geotextile. This geotextile was used as a protection layer for the installation of the Armoflex concrete blocks. The canal is 350 meters in length and provides a watertight and durable canal at the mine.



OTHER
CANALS

- Sappi Saiccor - Effluent Canal - 5,0mm PP - 19 000m²
- Sappi Saiccor - Effluent Channels - 5,0mm PP - 1 000m²
- Sappi-Enstra - Effluent Canal - 4,0mm HDPE - 850m²