

PRESS RELEASE

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Water Infiltration Barrier & Ground Surface Erosion Control Protection to a Reinforced Earth Wall – STAGE 2



To continue on from a successful 1st Stage installation in December, 2022, Tiltex Australia's installation team have just completed Stage 2 of a major water infiltration barrier and ground surface erosion control to the ROM Wall Crusher project in Pilbara, Western Australia.

Tiltex 12B was specified over traditional erosion control material options, such as revetment mattress and shotcrete, due to Tiltex 12B's superior performance (80MPa compressive strength with 16.1MPa flexural strength*), with a faster installation time

due to 5-metre-wide rolls. This resulted in less seaming, reduced time working on steep batters, reduces the risk of fatigue and provides cost savings.

Our Tiltex team installed over 50 metre+ long steep batters at 1V:1.6H, secured with our soil/rock anchor grid system designed to withstand cyclonic wind conditions. Approximately 900 x 1m long cable anchors were installed to a 2m x 2m grid pattern across the entire batter face with perimeter anchors spaced at 0.50m centres.

Tiltex 12B was also specified to replace concrete spoon drains due to the cost savings and a superior termination to stop water infiltration behind the wall.

The Tiltex team installed over 2300m² of Tiltex 12B ahead of schedule, even though the project presented difficult conditions with steep batters and high summer temperatures.

*After 7 days

*For more information about Tiltex Australia's projects
and full turnkey solutions,
visit www.tiltexaustralia.com.au
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