



Siplast Teranap TP geomembranes chosen to protect the site of Cerro Negro gold mine in Argentina

Canadian gold producer Goldcorp, which is one of the world's largest mining companies, operates the Cerro Negro mining site in Argentina through its subsidiary Oroplata with the approval of Argentine government.

This quarry of more than 215 square meters is located in Patagonia, in southern Argentina.

Siplast took part in this project in collaboration with Golder engineering as project manager. The large width geomembranes [Teranap TP 531 and 431](#) were chosen to protect the soil and groundwater surroundings of a 600,000 square meter basin.

Heap leaching areas are used in the mining process to extract precious metals from the ore. A diluted cyanide solution is used in order to extract gold. This solution is collected and guided to the basin. This recovery process requires a perfect waterproofing system in order to avoid widespread soil contamination. The bituminous geomembranes [Teranap TP 531 and 431](#) have met the most rigorous requirements of the project.

Siplast fulfilled the project's specifications thanks to the collaboration with the American company M3 (Engineering) and the Argentinian companies Techint (Engineering) and Milicic (earthworks). The Spanish-Argentinian contractor, Celesur conducted initial training regarding geomembrane application at the **Siplast** factory training center in France. A **Siplast** specialist was on site at the beginning of the waterproofing works to ensure the job start went properly.



Project information

Name of the project: Cerro Negro gold mine site, Argentina

Owner: Goldcorp, Oroplata

Project management: Golder

Consulting Engineers: M3, Techint

Earthworks

contractor: Milicic

Waterproofing contracting firm: Celesur

Siplast Products :

- [Teranap TP 531](#)
- [Teranap TP 431](#)

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