

QUAD-LOCK[®] PROJECT PROFILE

ENGINEERS WITHOUT BORDERS

From: Chester Feldmann - EWB Brazil
Sent: Tuesday, September 19, 2006 4:32 PM
To: Hubert Max Kustermann
Cc: Elliot Cohen;
Subject: Successful Engineers Without Borders Project!

Mr. Kustermann

I just thought you might like to know, the Brazil team from the University of Maryland-Engineers Without Borders chapter had an extremely successful project. On August 25th, 2006, the villagers at Ilha das Pecas, in the state of Parana began to fill their concrete water tank for the first time. This new water tank will give the village added storage capacity for their basic water usage needs for their dry months of June, July, and August.

We started working with the Quad-Lock system on August 10, and only six days later, we, a group of inexperienced college students with the help of local labor, had constructed a 6-foot tall structure that will carry approximately 6,500 gallons of water for the island. The construction process had its trials and tribulations along the way, but without this system, we would have lagged in our schedule and never been able to put a roof on the structure, mortar it, or complete the necessary hydraulics to make it a working water tank. Pouring tons of concrete was an extremely tiring task, but using Quad-Lock, we were flexible enough to make minor changes here and there during the days of concrete pouring, such as properly leveling our feed and draw lines to the tank or adding an extra housing for the cleanout valve of the tank.

Working on an island and in a poorer area, we really learned the importance of having quality construction materials. Wood is not as common a construction material in Brazil, and there were only a few skilled laborers on the island, so having Quad-Lock simplified the process on all aspects. It was a challenge getting the whole system there for the project, but in the end, it paid off.

We, from Engineers Without Borders-University of Maryland would like to thank you, Mr. Kustermann and Quad-Lock, for supporting our project and our goal to make the world a better place, one community at a time.

Sincerely,
Chester Feldmann
Co-leader, Brazil Project
Engineers Without Borders –
University of Maryland



All Quad-Lock materials were generously donated to ensure the success of this important and beneficial project.

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