

CASE STUDY

MAUI TOWERS ROSARIO, ARGENTINA

EROSION CONTROL



PROJECT SUMMARY

Continuous erosion of the slopes near Maui Towers in Rosario, Argentina threatened a residential project adjacent to Parana River. The slopes needed to be stabilized but the residential development still wanted it to look aesthetically pleasing. The solution: LANDLOK® 450 from Propex GeoSolutions. LANDLOK 450 is a Turf Reinforcement Mat (TRM) that uses X3® Fiber Technology and is a three-dimensional and/or stitchbonded polypropylene geotextile that delivers long-term erosion protection. 5,000 m2 of LANDLOK was installed along the slope to stabilize it as well as prevent any further erosion. The fabric was first hydroseeded below the TRM to ensure great vegetation growth. The combination was a great success and provided a green, sustainable solution for the real-estate development.



PROBLEM Severe erosion was threatening the slopes near Maui Towers



SOLUTION LANDLOK® 450 was chosen to stabilize and provide a green look to the slopes



INSTALLATION LANDLOK was installed along the slopes



PERFORMANCE LANDLOK successfully controlled erosion over the slopes while still providing an aesthetically pleasing view

FEATURES & BENEFITS

- Patented X3® Fiber Technology features unique trilobal cross section to capture water, soil and seed for enhanced vegetation
- Made with all stabilized components to improve overall performance
- Demonstrates robust UV resistance for up to 10 years design life
- More environmentally-friendly solution compared to rock riprap and concrete paving
- Ease of installation reduces time and labor costs
- Overall costs savings compared to traditional hard armoring solutions



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