03 PASO CARRETA STREAM — AQUATERRA CONDOMINIUM

REVEGETABLE PROTECTION OF SLOPES AND CHANNEL

PROJECT CASE · PARAGUAY



Filling the revegetable mattress over the channel — aerial view of the operation

5,600
M² OF COVERAGE

FX300
VEGETATED HYDROTEX · DOUBLE ARTICULATION

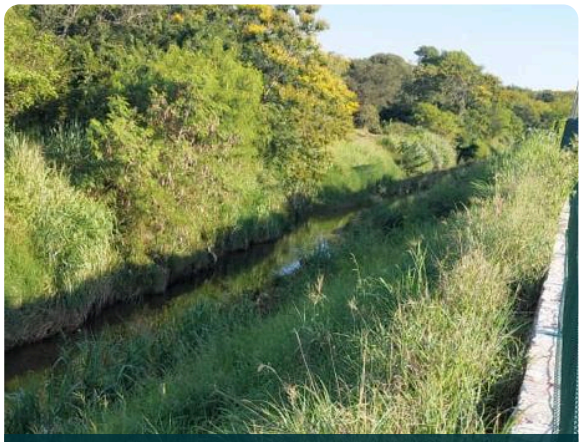
100%
BLENDED INTO THE LANDSCAPE

The challenge: the Paso Carreta stream crosses the Aquaterra condominium, a premium residential development. Slope erosion threatened plots and common areas, but exposed concrete protection was incompatible with the landscape value of the project.

The solution: the whole surface is seeded, protected by a cover of **hydraulic mulch with seed** and a **turf reinforcement mat**, before installing the revegetable mattress **HYDROTEX® Enviromat FX300 with double articulation**. Vegetation, reinforced by the mesh and the mattress, grows through the open spaces of the Enviromat FX — once the vegetation is established, the protection disappears under the green: the stream is shielded against scour and the surroundings keep their natural look.

Protection you cannot see: the engineering ends up under the green. Ideal for housing developments, linear parks and projects with environmental or landscape requirements.





The same reach, fully revegetated

PROJECT FILE

Project	Paso Carreta stream protection
Client	Aquaterra Condominium
Product	Double-articulation Enviromat FX300 + hydraulic mulch and turf reinforcement mesh
Area	5,600 m²
Status	Full revegetation