

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

REVEGETABLE HYDROTEX

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**. The vegetation, reinforced by the mat and the mattress, grows through the open spaces of the Enviromat FX — months after installation the protection disappears under the green: the stream is armoured against scour and the setting keeps its 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	Enviromat FX300 + hydraulic mulch and turf reinforcement mat
Area	5,600 m ²
Status	Full revegetation



The FX mattress reaching the stream