

Stormwater Management Solutions for Infiltration and Irrigation

www.ecoraintank.com



EcoRain Tank Systems

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Studio City, CA 91604

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EcoRain Tanks

- ✓ 100% Recycled Polypropylene
- ✓ 97% Void Space Storage
- ✓ HS-25 Vehicle Loading



Commercial Use

EcoRain commercial applications include dense development, multi-use land, underneath parking lots, sidewalks, and green spaces.



**Municipal Water District
El Segundo, CA.**

Recreational Fields & Parks

Sports fields and parks are ideal for capturing stormwater to prevent ponding and maximize infiltration and irrigation.



**Lincoln Middle School
Santa Monica, CA.**

Residential

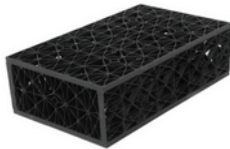
EcoRain Tanks are economical and easy to install for a variety of home projects, such as converting swimming pools to cisterns and installing irrigation systems



**Swimming pool conversion
Hermosa Beach, CA.**

Tank Sizes and Storage Volume

Half Tank



2.31 ft³

Single Tank



4.20 ft³

Double Tank



8.22 ft³

Triple Tank



12.26 ft³

Quad Tank



16.76 ft³

Pent Tank



20.28 ft³

Bioswale Filtration



Catch Basin Filtration



LAX RUNWAY ECORAIN BIOSWALE

A 25L Bioswale project that is 2.5 miles long with EcoRain Double Tanks and holds 450,000ft³ of water. The EcoRain Bioswale installation started in 2006-2008 and is still functioning today.



EcoRain Infiltration Trench

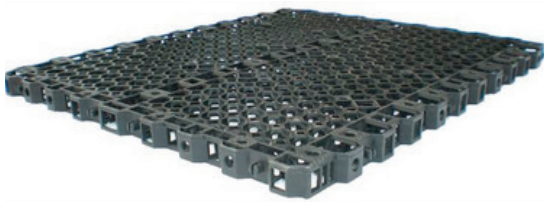


**City of Hermosa Beach,
CA. 2010**

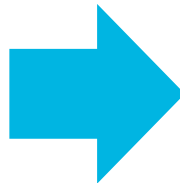
The Hermosa Strand infiltration Trench project was designed to divert urban runoff into a system of infiltration trenches before it reached the ocean. Phase 1 of the project was a pilot study funded by the U.S. Environmental Protection Agency and State Water Resources Control Board. Results from the study proved that the EcoRain tanks significantly assisted in the purification of street runoff.

EcoRain Cells

EcoRain cells are the perfect solution for gravel & grass pavers, green roofs, retaining walls, subterranean drainage & irrigation.



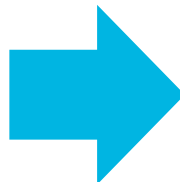
1" Cell



**Green Roof- Branson High School
Ross, CA.**



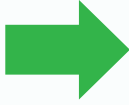
Ecovoid HD 2" Cell



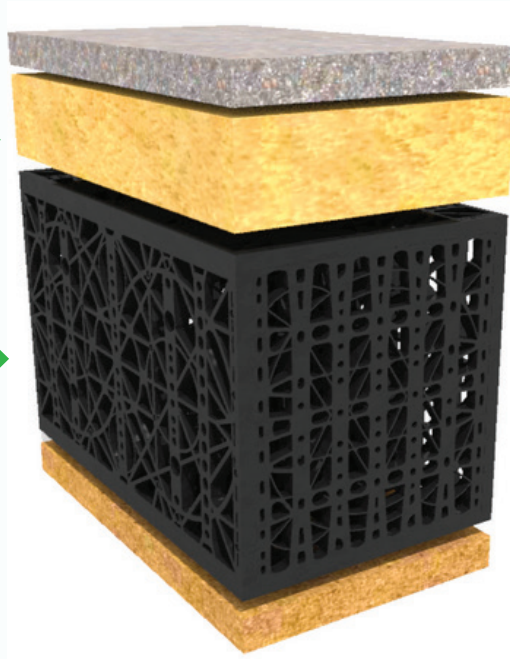
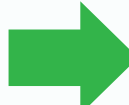
**Residential driveway
Beverly Hills, CA.**

Surface Choices

Depth & type
of fill varies
with selected
cover



EcoRain Tank



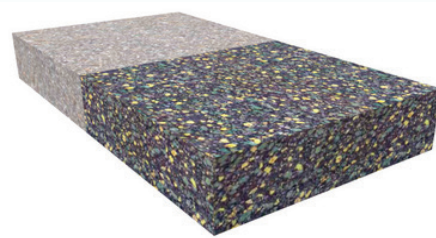
Reinforced
Concrete



Asphalt



Landscaping



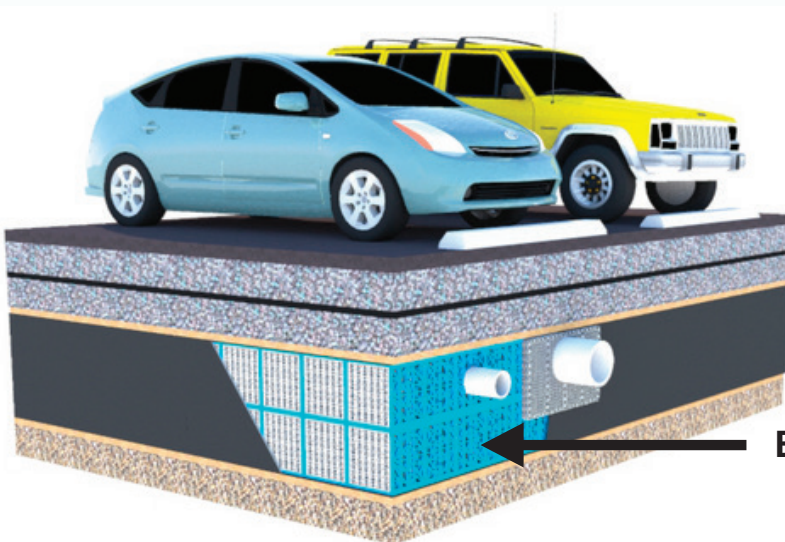
Stone Pavers



EcoVoid HD Cell

Parking Lots

AASHTO HS-25 Loading



EcoRain Tanks

The EcoRain tank system is efficient, easy to install and economical option to maximize the amount of stormwater runoff in parking lots of various spaces with an AASHTO HS-25 load rating for maximum strength and durability.

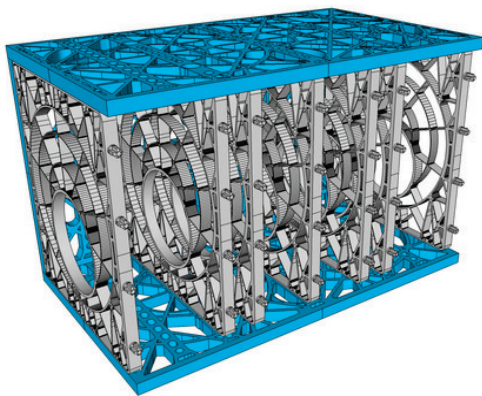
Stackable Units

Custom to your space and water storage needs!



Maintenance/ Cleanout Port

EcoRain's Maintenance Port allows easy access to the bottom of the tank structure for observation or pumping. The access pipe has two 45-degree angles and can accommodate 6"-12" pipes.



Design assistance and conceptual drawings are available by request!

contact@ecoraintank.com

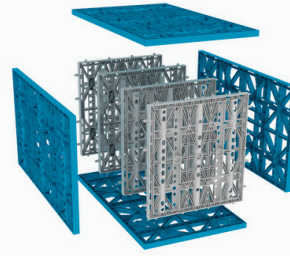
818-501-0424 #1

www.ecoraintank.com

Drawings also available at
www.caddetails.com

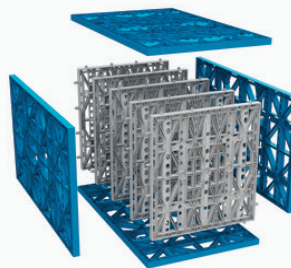
EcoRain Tank Designs

Landscape Design



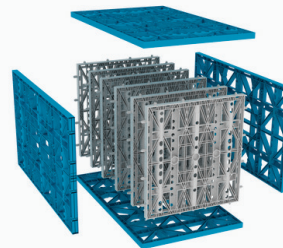
- Landscape - 39.3 PSI
- 4 small plates/unit
- 18" Minimum Cover
- 48" Maximum Cover (exceptions apply)
- AASHTO HS 20 load rating
- No limitations for length or width

Traffic Design



- Vehicle Traffic - 43.6 PSI
- 5 small plates/unit
- 24" Minimum Cover (exceptions exist)
- 48" Maximum Cover (exceptions exist)
- AASHTO HS 25 load rating
- No limitations for length or width

Commercial Traffic Design



- Commercial Traffic 46.48 PSI
- 6 small plates/unit
- 24" Minimum Cover (exceptions exist)
- 48" Maximum Cover (exceptions exist)
- AASHTO HS 25- HL 95 load rating
- No limitations for length or width

ECOVOID HD 2" Cells- Heavy Duty Design



- Heavy Duty 405 PSI
- 6" Minimum Cover
- 11 ft Maximum Burial-Depth
- Cells install in layers
- No limitations for length or width