

**ICC-ES PMG Listing****PMG-1092**

Effective Date: June 1, 2011

*This listing is subject to re-examination in one year.*

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CSI: DIVISION: 22 00 00 - Plumbing  
Section: 22 30 00 - Plumbing Equipment

## Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Underground Stormwater Polypropylene Tanks

Listee: EcoRain™ Systems, Inc.  
14320 Ventura Blvd. #402  
Sherman Oaks, CA 91423  
[www.EcoRain.com](http://www.EcoRain.com)  
(818)905-7145

## Compliance with the following codes:

2012, 2009 *International Plumbing Code*® (IPC)  
2012, 2009 *International Residential Code*® (IRC)  
2009 IAPMO *Uniform Plumbing Code*\* (IAPMO UPC)\*

\**Uniform Plumbing Code* is a copyrighted publication of the International Association of Plumbing and Mechanical Officials, 5001 East Philadelphia Street, Ontario, California 91716.

## Compliance with the following standards:

IAPMO PS-63-2005 Material And Property Standard For Plastic Leaching Chambers  
ASTM D1248-05 Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable  
AASHTO H-25 Highway Load - American Association of State Highway and Transportation Officials

## Identification:

The product and/or package must bear the manufacturer's name or trade mark, and Unit load rating (H-25). The ICC-ES PMG certification mark shall be placed on the product.

## Installation:

The EcoRain™ Systems, Inc. skeletons are installed underground outside of buildings. The EcoRain™ skeletons are assembled on site, placed in the excavated earth and covered with a geotextile / liner (provided by others) prior to backfilling. Base of excavation must be smooth, level soil free of lumps or debris. Top backfilling is a minimum ¾-inch diameter gravel. The units must be installed in accordance with the manufacturer's installation instructions and the applicable codes.

Models: EcoRain™ Systems, Inc. produces underground tanks skeletons for temporary storage of storm water. The tank skeletons are made of recycled Polyethylene conforming with ASTM D 1248. Models are noted in Table 1.

Conditions of listing:

1. EcoRain™ Systems, Inc. must be installed underground outside of the building foundation and subject to a maximum load of H-25 by AASHTO. H-25 represents the earth load from a 25 ton semi-truck determined by AASHTO calculations.
2. Product to be manufactured with recycled HDPE in compliance with applicable sections of ASTM D1248.
3. Storm water piping must conform to the applicable plumbing code.
4. EcoRain™ Systems, Inc. must have a minimum 24 inch burial depth to resist H-25 loads.
5. EcoRain™ Systems, Inc. Underground Stormwater Polypropylene Tanks are manufactured in McMinnville, Tennessee under a quality control program with yearly inspections by ICC-ES.

**Table 1**  
EcoRain™ Systems, Inc. Model Dimensions (feet)

Model	Top		Front		Side	
	H	W	H	W	H	W
ER-501 EcoRain Single Tank™	1.34	2.25	1.48	2.25	1.48	1.34
ER-502 EcoRain Double Tank™	1.34	2.25	2.89	2.25	2.89	1.34
ER-503 EcoRain Triple Tank™	1.34	2.25	4.3	2.25	4.3	1.34
ER-504 EcoRain Quad Tank™	1.34	2.25	5.71	2.25	5.71	1.34
ER-505 EcoRain Pent Tank™	1.34	2.25	7.12	2.25	7.12	1.34
ER-500 EchoRain Half Tank™ + ER-501 EcoRain Single Tank™	1.34	2.25	2.19	2.25	2.19	1.34
ER-500 EchoRain Half Tank™ + ER-502 EcoRain Double Tank™	1.34	2.25	3.6	2.25	3.6	1.34
ER-500 EchoRain Half Tank™ + ER-503 EcoRain Triple Tank™	1.34	2.25	5.01	2.25	5.01	1.34
ER-500 EchoRain Half Tank™ + ER-504 EcoRain Quad Tank™	1.34	2.25	6.42	2.25	6.42	1.34