

ECO-RAIN QUAD + HALF TANK SPECIFICATION SHEET



Smith-Emery Laboratories
Report No. L-11-336

ET-1504.5

ICC Approved Report ESR-3356 (Formally Approved LA City Research Report # 5654)

| | | | |
|---------------|--------------------------------------|--------------------------------------|--------------------------|
| SIZE | 1.34' wide x 2.25' long x 6.42' tall | 16.06" wide x 26.97" long x 77" tall | 408mm x 685mm x 1,956 mm |
| VOLUME | 19.36 ft ³ | 144.8 gallons | 548 liters |

| TEST | Standard Used | Imperial | Metric |
|---|---------------|---|-----------------------------|
| Ultimate Load - H 25 Load Rated | AASHTO LRFD | | |
| Displacement | | .433" | 11 mm |
| Temperature Parameter | | 46.4° - 57.2° F | 8° - 14° C |
| Module Void Storage Area | | 97% - 18.78 Cubic Feet Storage | |
| Surrounding Gravel Storage Area | | 40% | |
| Material | | 100% Recycled Polypropylene | |
| Biological & Chemical Resistance | | Unaffected by moulds, algae, soil-borne chemicals, bacteria & bitumen | |
| Temperature Tolerance | | -22° to 248° F | -30° to 120° C |
| Flow Rate | ASTM D4716 | .671 f ³ /second | .019 m ³ /second |

NOTE: ECO-RAIN PRODUCTS & SYSTEMS ARE WORLDWIDE PATENT PENDING & DESIGN REGISTERED.

Safety Factors: Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. If in doubt, consult distributor.

Disclaimer: All information provided in this publication is correct to the best knowledge of the company and is given out in good faith. This information is intended only as a general guide, no responsibility can be accepted for any errors, omissions or incorrect assumption. As each project is unique, and as Eco-Rain Tank Systems of America and its distributors and agents world-wide have no direct control over the methods employed by the user in specifying, installing or supervising of its products hence no responsibility is accepted by Eco-Rain Tank Systems of America and its distributors and agents world-wide. Users should satisfy themselves as to the suitability of the product for their purpose.



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