



1739

Bio Friendly Ltd.
Loughglynn Castlerea, Co. Roscommon, Ireland

2019

EN 12566-3

Packaged or site assembled domestic wastewater treatment plant.

| Essential Characteristics | Requirement clauses in this standard | Performance | |
|--|---|---|-----------------------|
| Effectiveness of treatment as: Treatment Efficiency | | | |
| Treatment Efficiency ratios | Treatment efficiency ratios (as tested organic daily load BOD ₅ = 0,28 kg/d) | COD 93,1 % BODs 95,6 % SS 95,2 % NH4-N 96,8 % P NPD | |
| Treatment capacity as: Designation | | | |
| Nominal Organic daily load | BOD ₅ | 6 PT | 12 PT |
| | | 0,36 kg/d | 0,72 kg/d |
| Nominal hydraulic daily flow | Q _N | 6 PT | 12 PT |
| | | 0,9 m ³ /d | 1,8 m ³ /d |
| Water tightness | (water test) | Pass | |
| Crushing resistance and maximum load deformation as: | | | |
| Load bearing capacity | (GRP, PIT test) | Pass | |
| Durability | | Pass | |
| Reaction to fire | | NPD | |
| Release of dangerous substances | | NPD | |