



Certificate

Wastewater treatment design

We hereby confirm that the

easyCompact

has achieved the following effluent values in the practical test according to EN 12566-3. The values indicated are average values of the nominal phases. The practical test was carried out by CSTB – Centre Scientifique et Technique du Bâtiment – NB 0679, under test report number CAPE 21-11080-V1.

Wastewater Parameters	Explanation	Treatment efficiency	Effluent values
BOD ₅	Indicates the amount of oxygen that is needed for the biological decomposition	92,0 %	17 mg/l
COD	Indicates the amount of oxygen that is necessary for the complete oxidation of organic matter.	84,5 %	86 mg/l
NH ₄ -N	Proportion of nitrogen in wastewater in the form of ammonium	45,8 %	29 mg/l
TSS	The measure of the total of undissolved solids in the wastewater	93,1 %	17 mg/l
TN	Measure of the efficiency of the Nitrogen decomposition. Total of the organic and inorganic nitrogenous substances in the wastewater.	35,8 %	48 mg/l
TP	Measure of the pollution of the wastewater with phosphorous compounds. The elimination takes place to a large extent via P precipitation.	15,7 %	7,0 mg/l

During the practical test according to EN 12566-3, no desludging was performed. Demand-based desludging is recommended. The energy consumption of the plant determined during the test was measured as 0 kWh.

Requirements for the use of easyCompact treatment plants:

- Only domestic wastewater is used. Domestic wastewater is dirty water from kitchens, wash rooms, wash basins, bathrooms, toilets or similar.
- The rated water volumes and loads must be observed
- Maintenance must be undertaken at least 2 times a year by a professional

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