

## National Annex NA (normative)

### Requirements for small wastewater treatment systems (prefabricated septic tanks) for up to 50 inhabitants

#### NA.1 General

Requirements for the intended use of small wastewater treatment systems (prefabricated septic tanks) for up to 50 inhabitants are defined in Table NA.1.

**Table NA.1 — Requirements for small wastewater treatment systems for up to 50 inhabitants**

Essential characteristics	Requirement clauses in this standard	Requirement Yes/No	Requirement value
Effectiveness of treatment (hydraulic efficiency)	5.5	Yes	5g maximum (99.5 % efficiency)
Nominal capacity (Treatment capacity)	4	Yes	To be declared (expressed in cubic metres) (See NA.2)
Watertightness	5.3	Yes	Pass
Structural behaviour (Crushing resistance and maximum load deformation)	5.2.4		Pass or Declared value (from test/calculation) (See NA.3)
Durability	5.8	Yes	Pass (See NA.4)

#### NA.2 Nominal capacity (treatment capacity)

The tank capacity shall be calculated from the following formula:  $C = 150 \times P + 2000$  where C is the capacity (l) of the tank and P is the design population, with a minimum of four persons. The septic tank installed shall always equal or exceed this design capacity.

#### NA.3 Structural behaviour

The plant shall resist loads and stresses resulting from handling, installation and use, including desludging and maintenance, for their design life.

#### NA.4 Durability

The septic tank shall be designed to have a service appropriate to its intended end use.