

# SEPTIC TANK

For waste water contaminated with faecal matter

## PRODUCT DESCRIPTION

**ESEP** reinforced concrete prefabricated "septic tank" for faecal matter, **series S 9000**. In- and outlet fitted with rubber connection for plastic pipings,  $\varnothing$  125 mm, and equipped with concrete wall. Manhole cover concrete deck, standard type not suited for traffic loads and limited pressure from ground covering, maximum 0,5 m. Optional, in case of traffic loads, weighted concrete deck with manhole cast iron or cast iron-concrete combination.

## APPLICATIONS

An IBA class I is intended for the purification of domestic waste water in areas where no higher degree of purification than class I is required. After this, the water may be led to the surface water. Discharging water without treatment is not allowed.

## QUALITY

- Constructed and designed for static loads in accordance with NEN-EN 12566-1:2000
- Concrete quality in accordance with NEN-EN 206-1 and NEN 8005, minimum C35/45 environmental classification XC2
- Adheres to Dutch building materials resolution, NL BSB-BRL 5070
- CE certified

### Optional:

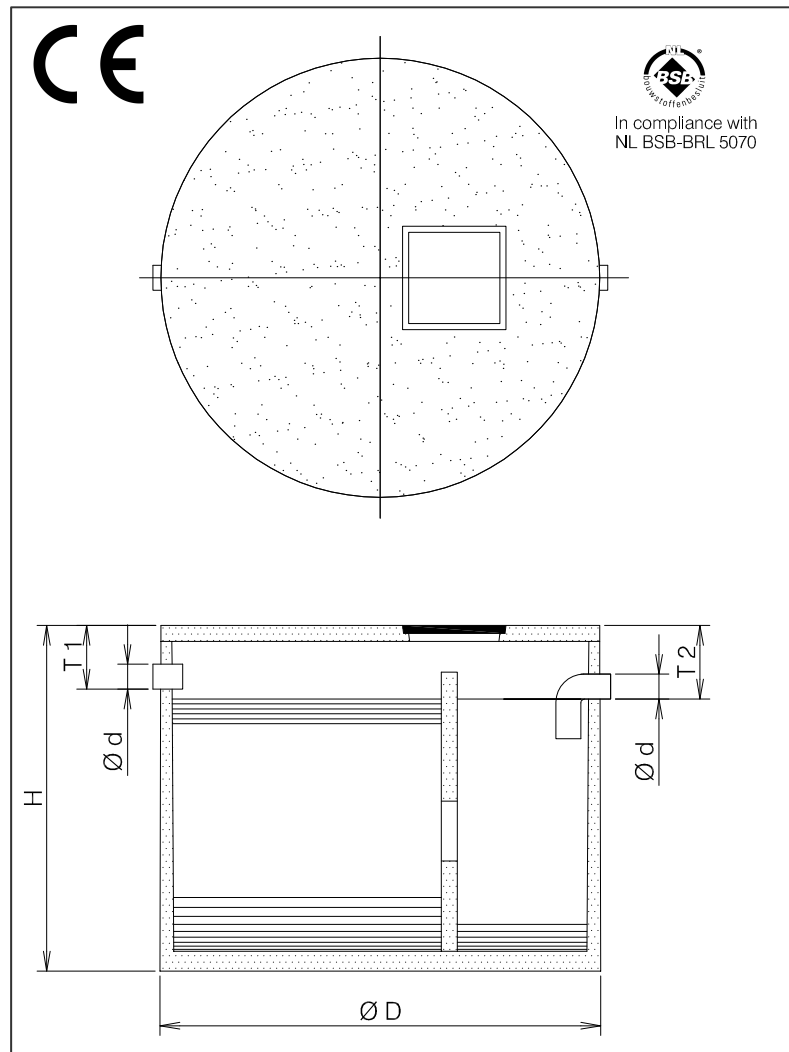
In case of heavy traffic loads, weighted concrete deck class B 125 kN with manhole cover:

- cast iron lid in accordance with NEN-EN 124 class B 125 kN
- or cast iron-concrete combination, class D 400 kN wheel pressure\*\*

In case of high ground water level and/or deep placement:

- Steel fibers in concrete composition
- Liquid tight connection between concrete well and cover
- Liquid tight finish on inside of well

## DRAWING



## SPECIFICATIONS

Type	I*	Ø D	Ø d	H	T 1	T 2	Kg. with deck cl.A 15 kN	Kg. with deck cl.B 125 kN
S 9020	2000	1500	125	1500	250	300	1580	1965
S 9023	2300	1500	125	1680	270	320	1700	2085
S 9030	3000	1700	125	1680	280	330	2260	2775
S 9050	5000	2230	125	1730	320	370	4600	5415
S 9070	7500	2350	125	2160	320	370	5200	6200
S 90100	10000	2810	125	2060	320	370	7260	8560
S 90150	15000	3480	125	1930	320	370	8950	10665
S 90200	20000	3480	125	2480	320	370	10520	12235
In case of cover class B 125 kN**				+150	+150	+150		
In case of cover class D 400 kN**				+220	+220	+220		

I\* = Volume of septic tank (litres)

\*\* N.B. Maximum level of ground covering 500 mm. When high groundwater level, intensive traffic or deeper placement is present, extra precautions have to be made. Factory warranty on water tightness up to the usual aquiferous range.