

Underground single & double-skinned tanks

for flammable and non-flammable liquids

Technical data

- Design standards: EN 12285-1 & SANS 1535
- Steel grade - S235JR
- Single or multi-chamber tanks
- Working pressure: max 0,5 bar
- Working temperature: from -20°C to + 50°C
- Outer skin: grit-blasted to grade Sa 2,5 according to PN-ISO 8501-1 and with min. 800µ Polyurethane anti-corrosion coating, tested at 10 kV/14 kV
- Optional internal anti-corrosion protection

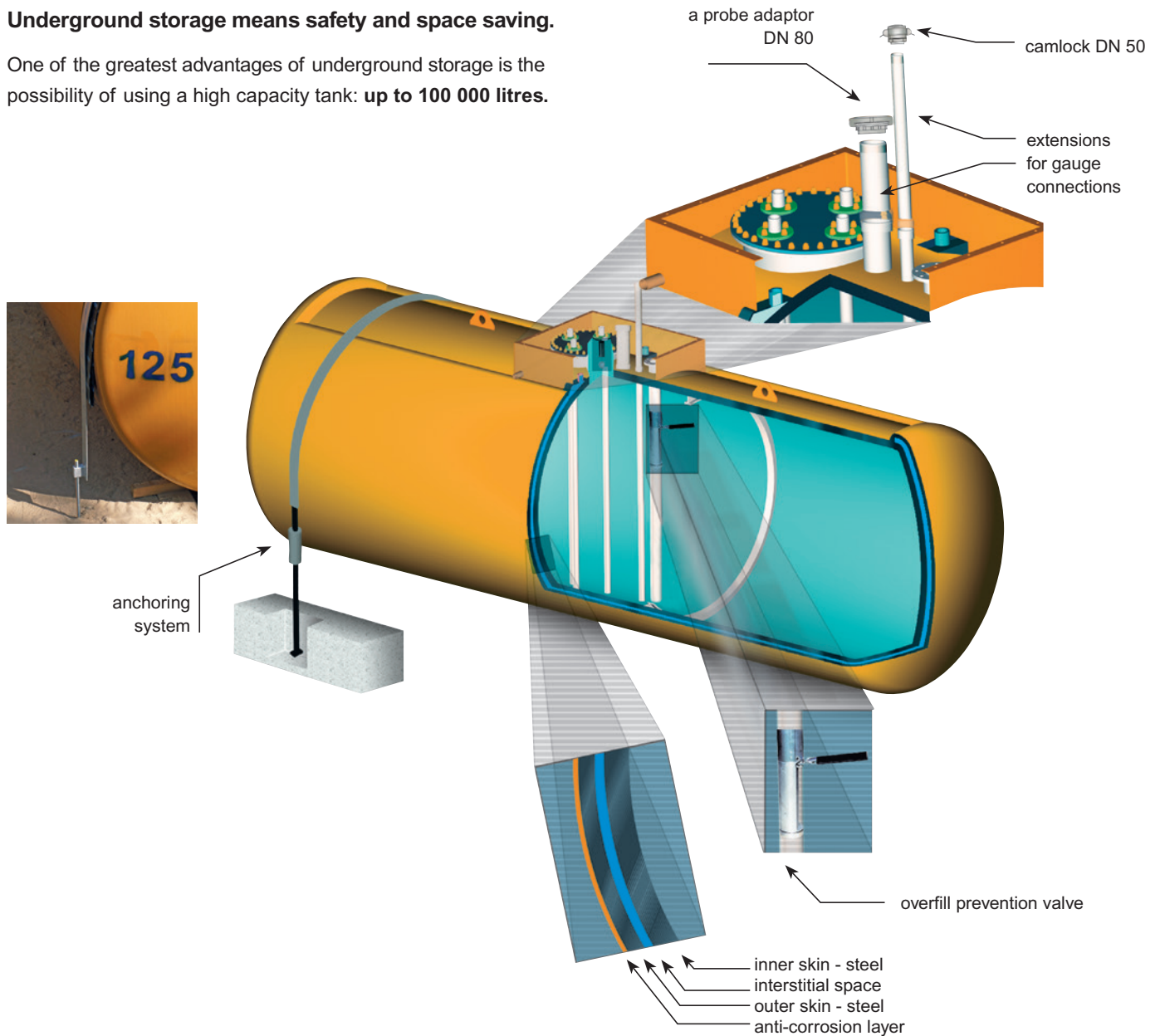
Application

Storage of flammable and non-flammable liquids harmful to the environment with a density up to 1,1 kg/dm³ for EN 12285 Class A tanks and up to 1,9 kg/dm³ for tanks EN 12285 & SANS 1535.



Underground storage means safety and space saving.

One of the greatest advantages of underground storage is the possibility of using a high capacity tank: **up to 100 000 litres.**



Standard tank equipment

Depending on the client's requirements, a tank is equipped with:

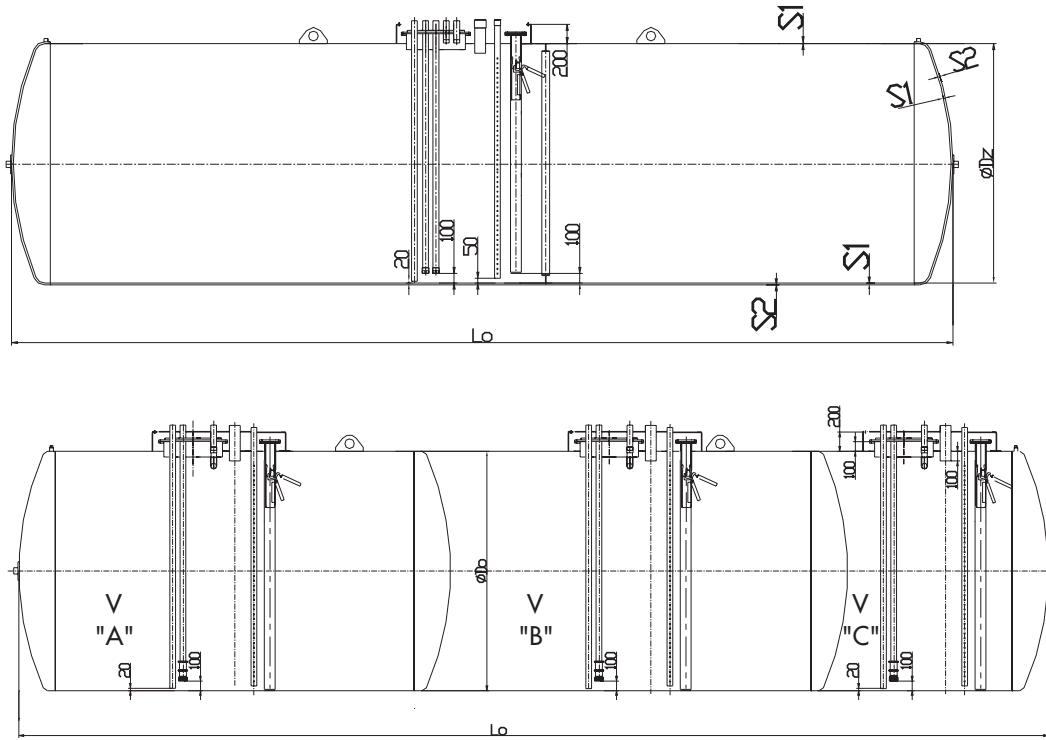
- a filling pipe with an overflow prevention valve
- suction pipes
- drain pipe
- gauge pipe for measuring the level with a dipstick
- automatic gauge connection (for a measuring probe)
- vent connection
- spare connection

Optional equipment

- Street covers in class C 250 KN and D 400 KN
- Galvanized anchoring bands
- Leak detection systems GOK

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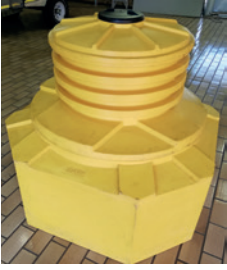



Underground tanks according to EN12285-1 & SANS 1535

Volume	Diameter	Total Length*	Total Height	Total height with speed chassis	Total WEIGHT Single skin	Total WEIGHT Double skin	Shell thickness		Additional chamber weight	Total width with speed chassis	Number of bands
							S1	S2			
[m ³]	[mm]	[mm]	[mm]	[mm]	[kg]	[kg]	[mm]	[mm]	[kg]	[mm]	[pcs]
3	1600	1940	1800	2080	867	1280	6	3	315	1600	2
5		2820			1096	1621					2
7		3820			1356	2009					2
10		5700			1887	2781					2
10	1900	4080	2100	2380	1627	2482	6	3	360	1900	2
15		6360			2329	3549					2
20		7840			2838	4294					3
25		9720			3417	5174					4
30		11200			3902	5895					4
35		13080			4481	6775					4
20		2500			4550	2700					2980
23	5330		2638	4133	2						
25	5730		2797	4376	2						
30	6710		3186	4972	2						
35	7910		3727	5767	3						
40	8690		4037	6241	3						
45	9790		4473	6910	3						
46	10170		4624	7141	3						
50	10870		4902	7567	3						
55	12070		5443	8361	3						
60	12850		5753	8836	4						
30	2900	5205	3100	3380	3526	5746	6	4	620	2900	2
35		6195			4051	6572					2
40		6690			4313	6985					2
50		8175			5178	8301					3
60		9660			5965	9539					3
70		11145			6829	10855	4				
80		12630			7617	12094	4				
90		14610			8666	13746	5				
100		16095			9454	14984	5				

* Total length within a tolerance of +/-1% to standard

to complete and ensure the proper functioning of a petrol station

<p>Nupi pipe system</p> 	<p>SFTS000 – Tank Sump (Eco) Complete Kit</p> 
<p>SFSC001 – Spill Container (Eco) 80NB</p> 	<p>MBOX-7 – Manifold box - 7 Inlet / outlet with ball valves</p> 
<p>Tank sump SM5533</p> 	<p>BF/MANHOLE – Forecourt Manhole</p> 
<p>Composite manhole cover SLD3600L</p> 	<p>Vent stack</p> 
<p>Anchoring band</p> 	<p>Speed chassis</p> 