



## REINFORCED CONCRETE CONTAINER FOR FINISHED ITEMS

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- ▶ Can be used as a slurry and digestate storage tank, and also as a fermenter for biogas plants
- ▶ Foil roofs
- ▶ Optional slurry technology
- ▶ Leakage detection system
- ▶ Complies with the requirements of DIN 11622-2 and AwSV
- ▶ Specialist company to WHG
- ▶ Verified for safety by internal and external quality controls



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# REINFORCED CONCRETE CONTAINER FOR FINISHED ITEMS

Reinforced concrete containers are made to the new requirements of DIN 11622-2 and AwSV, and the quality is constantly verified by our own and external quality controls. They are designed for strength and durability.

The 4.02-m high tank has a capacity of 511-2.599 m<sup>3</sup> (external diameter 13.06 m-40.24 m). With a height of 5.02 metres it has a capacity of 536-4.007 m<sup>3</sup> (external diameter

11.99 m-32.25 m). With a height of 6.02 metres, the capacity is 1.034-7.511 m<sup>3</sup>. (external diameter 15.20 m-40.24 m). With a height of 8.02 metres, it can hold 1.390-10.006 m<sup>3</sup> (external diameter 15.20 m-40.24 m).

Everything from a single source: tank construction, slurry technology, leakage detection system and delivery.

## Tank sizes

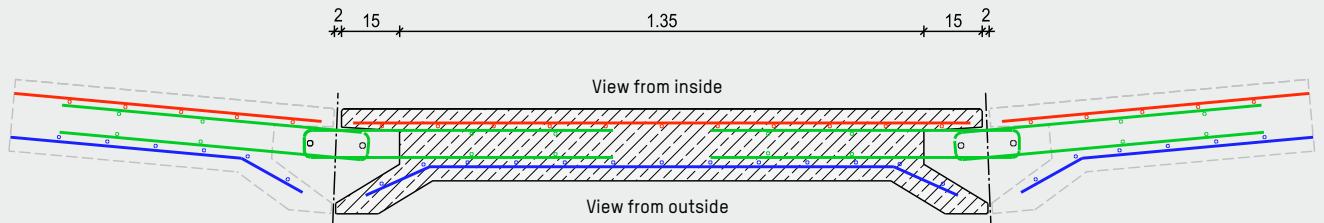
Number of elements	Internal diameter	Capacity with an element height of 8.02 m in m <sup>3</sup>
28	14.83	1,390
29	15.36	1,491
30	15.90	1,596
31	16.43	1,705
32	16.96	1,817
33	17.50	1,932
34	18.03	2,052
35	18.56	2,175
36	19.10	2,301
37	19.63	2,431
38	20.16	2,564
39	20.70	2,701
40	21.23	2,842
41	21.76	2,986
42	22.30	3,134
43	22.83	3,285
44	23.36	3,440
45	23.89	3,598
46	24.44	3,760
47	24.96	3,926
48	25.49	4,095
49	26.02	4,268
50	26.56	4,444
51	27.09	4,624
52	27.62	4,807
53	28.15	4,994
54	28.69	5,184
55	29.22	5,378
56	29.75	5,576
57	30.28	5,777
58	30.82	5,982
59	31.35	6,190
60	31.80	6,402
61	32.33	6,584
62	32.95	6,836
63	33.48	7,059
64	34.01	7,285
65	34.54	7,514
66	35.08	7,747
67	35.61	7,984
68	36.14	8,224
69	36.64	8,267
70	37.18	8,702
71	37.74	8,967
72	38.27	9,221
73	38.80	9,479
74	39.33	9,741
75	39.87	10,006

Number of elements	Internal diameter	Capacity with an element height of 6.02 m in m <sup>3</sup>
28	14.83	1,043
29	15.36	1,119
30	15.90	1,198
31	16.43	1,280
32	16.96	1,364
33	17.50	1,451
34	18.03	1,540
35	18.56	1,632
36	19.10	1,727
37	19.63	1,825
38	20.16	1,925
39	20.70	2,028
40	21.23	2,133
41	21.76	2,241
42	22.30	2,352
43	22.83	2,466
44	23.36	2,582
45	23.89	2,701
46	24.44	2,826
47	24.96	2,947
48	25.49	3,074
49	26.02	3,203
50	26.56	3,336
51	27.09	3,471
52	27.62	3,608
53	28.15	3,749
54	28.69	3,891
55	29.22	4,037
56	29.75	4,185
57	30.28	4,336
58	30.82	4,490
59	31.35	4,646
60	31.80	4,781
61	32.33	4,942
62	32.95	5,131
63	33.48	5,298
64	34.01	5,468
65	34.54	5,640
66	35.08	5,815
67	35.61	5,993
68	36.14	6,173
69	36.64	6,339
70	37.18	6,532
71	37.74	6,731
72	38.27	6,922
73	38.80	7,115
74	39.33	7,312
75	39.87	7,511

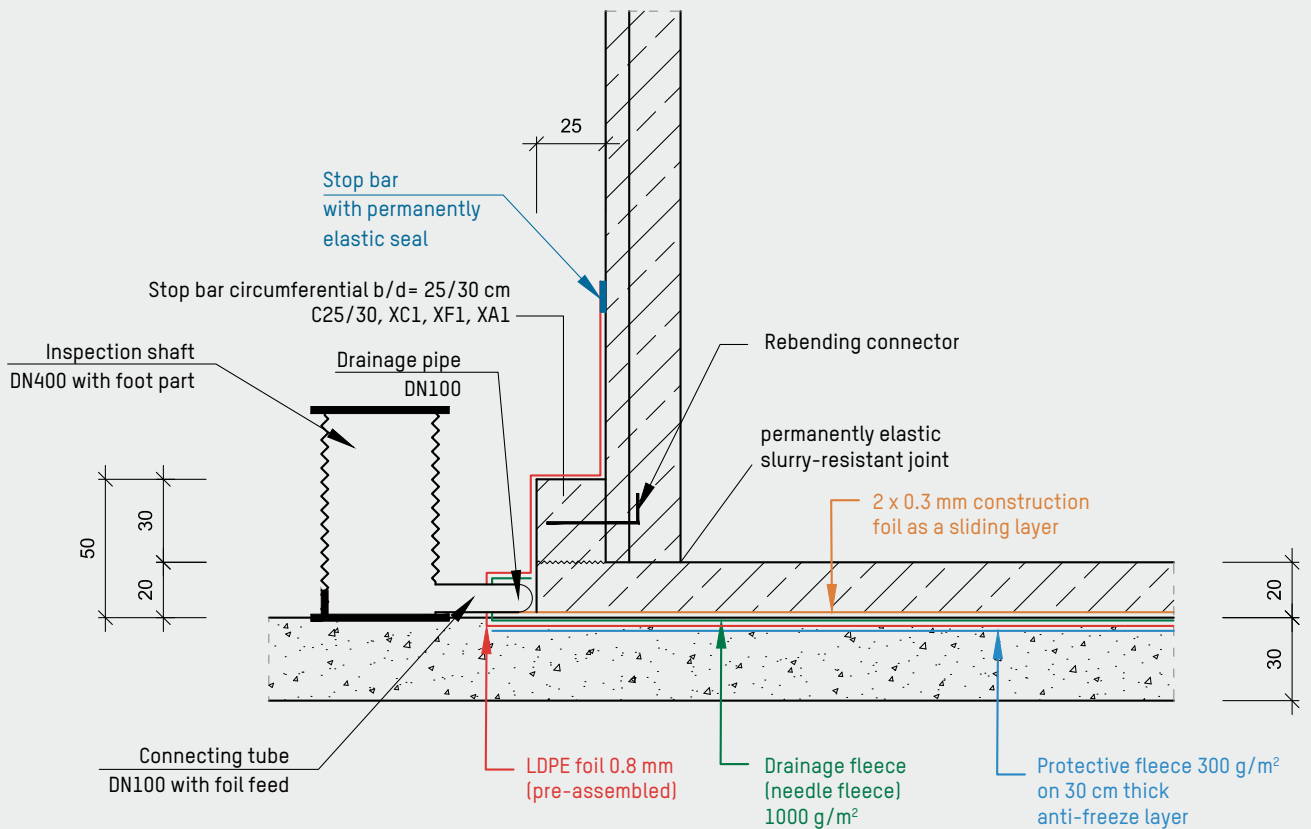
Number of elements	Internal diameter	Capacity with an element height of 5.02 m in m <sup>3</sup>
22	11.62	536
23	12.16	586
24	12.69	638
25	13.23	693
26	13.76	749
27	14.30	809
28	14.83	870
29	15.36	933
30	15.90	999
31	16.43	1,067
32	16.96	1,137
33	17.50	1,210
34	18.03	1,284
35	18.56	1,361
36	19.10	1,440
37	19.63	1,522
38	20.16	1,605
39	20.70	1,691
40	21.23	1,779
41	21.76	1,869
42	22.30	1,962
43	22.83	2,056
44	23.36	2,153
45	23.89	2,252
46	24.43	2,354
47	24.96	2,457
48	25.49	2,563
49	26.02	2,671
50	26.56	2,782
51	27.09	2,894
52	27.62	3,009
53	28.15	3,126
54	28.69	3,245
55	29.22	3,367
56	29.75	3,490
57	30.28	3,616
58	30.82	3,744
59	31.35	3,875
60	31.88	4,007

Number of elements	Internal diameter	Capacity with an element height of 4.02 m in m <sup>3</sup>
24	12.69	511
25	13.23	555
26	13.76	600
27	14.30	647
28	14.83	697
29	15.36	747
30	15.90	800
31	16.43	854
32	16.96	911
33	17.50	969
34	18.03	1,028
35	18.56	1,090
36	19.10	1,153
37	19.63	1,218
38	20.16	1,285
39	20.70	1,354
40	21.23	1,425
41	21.76	1,497
42	22.30	1,571
43	22.83	1,647
44	23.36	1,724
45	23.89	1,804
46	24.43	1,885
47	24.96	1,968
48	25.49	2,053
49	26.02	2,139
50	26.56	2,227
51	27.09	2,318
52	27.62	2,410
53	28.15	2,503
54	28.69	2,599

### Schematic diagram of the wall joint closure



### Schematic diagram of floor plate, wall elements, ring beams and leakage detection system





The illustrations may differ from the actual version.  
Subject to technical changes.



Thye-Lokenberg Betonwerke GmbH  
Erlenweg 4  
49434 Neuenkirchen-Vörden

Fon: +49 5493 99219-0  
Fax: +49 5493 1822  
E-Mail: [info@thye-lokenberg.de](mailto:info@thye-lokenberg.de)

Thye-Lokenberg Polska Sp. z o.o.  
ul. Osiedlowa 27  
PL 68-114 Tomaszowo

Tel.: +48 68 3606-199  
Fax: +48 68 3606-398  
E-Mail: [thye@thye-lokenberg.pl](mailto:thye@thye-lokenberg.pl)