

Summary of all tests

Test ID	d_max (mm)	d_50 (mm)	C_u	C_c	Test class	γ_d (kN/m ³)	E_50 (MPa)	ϕ' (°)	(d ϵ_v /d ϵ_a)_max (-)
T01	25	9.9	8.8	1.6	SR100	17.07	18	46.1	-0.23
T02	12.5	5.3	9.0	1.6		17.0	14	46.2	-0.28
T03	12.5	5.3	9.0	1.6		17.37	12	41.4	-0.21
T04	12.5	5.3	9.0	1.6		17.56	18	44.8	-0.29
T05	8	3.3	9.0	1.8		17.14	15	45.2	-0.23
T06	6.3	2.7	9.2	1.8		17.31	19	46.4	-0.32
T07	6.3	2.7	9.2	1.8		17.06	9	43.7	-0.21
T08	5	2.2	9.5	1.8		17.14	13	45.1	-0.25
T09	25	9.9	8.8	1.6	SL100	17.64	10	43.5	-0.11
T10	12.5	5.3	9.0	1.6		17.47	10	42.2	-0.13
T11	12.5	5.3	9.0	1.6		17.48	11	42.6	-0.12
T12	8	3.3	9.0	1.8		16.67	10	41.3	-0.14
T13	8	3.3	9.0	1.8		17.29	9	43.1	-0.13
T14	8	3.3	9.0	1.8		16.5	10	42.9	-0.11
T15	6.3	2.7	9.2	1.8		17.1	11	40.9	-0.16
T16	6.3	2.7	9.2	1.8		17.53	8	42.3	-0.12
T17	6.3	2.7	9.2	1.8		17.3	8	41.5	-0.11
T18	5	2.2	9.5	1.8		16.89	7	41.3	-0.1
T19	5	2.2	9.5	1.8	SR400	17.39	8	42.0	-0.12
T20	12.5	5.3	9.0	1.6		16.49	21	39.8	-0.01
T21	8	3.3	9.0	1.8		17.1	21	41.3	-0.01
T22	8	3.3	9.0	1.8		16.89	21	41.7	0.0
T23	6.3	2.7	9.2	1.8		16.53	17	38.8	0.05
T24	6.3	2.7	9.2	1.8		16.87	18	40.2	0.02
T25	5	2.2	9.5	1.8	SL400	16.93	18	40.2	0.02
T26	25	9.9	8.8	1.6		16.98	19	38.5	0.07
T27	25	9.9	8.8	1.6		16.85	21	40.3	0.0
T28	25	9.9	8.8	1.6		16.83	20	40.7	0.12
T29	12.5	5.3	9.0	1.6		16.14	18	38.3	0.06
T30	12.5	5.3	9.0	1.6		16.51	21	38.2	0.04
T31	12.5	5.3	9.0	1.6		16.97	17	39.2	0.04
T32	8	3.3	9.0	1.8		16.87	17	39.4	0.05
T33	8	3.3	9.0	1.8		16.3	17	39.0	0.06
T34	8	3.3	9.0	1.8		16.61	20	38.4	0.03
T35	6.3	2.7	9.2	1.8		16.94	17	38.6	0.04
T36	6.3	2.7	9.2	1.8		16.94	19	39.3	0.03
T37	5	2.2	9.5	1.8		16.76	19	39.4	0.0
T38	5	2.2	9.5	1.8	PR100	16.71	16	39.0	0.03
T39	25	3.9	9.0	1.6		16.93	12	43.8	-0.19
T40	12.5	1.9	9.0	1.6		18.0	15	46.1	-0.32
T41	12.5	1.9	9.0	1.6		17.12	10	41.9	-0.17
T42	12.5	1.9	9.0	1.6		17.56	15	42.5	-0.16
T43	8	1.2	9.0	1.6		17.61	11	42.5	-0.22
T44	8	1.2	9.0	1.6		17.4	12	44.0	-0.38
T45	8	1.2	9.0	1.6		17.5	11	42.9	-0.22
T46	6.3	1.0	9.0	1.6		17.45	11	44.7	-0.23
T47	6.3	1.0	9.0	1.6		17.92	11	42.0	-0.26
T48	5	0.8	9.0	1.6	PL100	17.77	9	39.6	-0.19
T49	5	0.8	9.0	1.6		17.78	10	41.5	-0.27
T50	25	3.9	9.0	1.6		16.89	8	40.7	-0.1
T51	25	3.9	9.0	1.6		17.38	10	41.5	-0.12
T52	12.5	1.9	9.0	1.6		17.0	7	41.4	-0.13

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T53	12.5	1.9	9.0	1.6		17.21	9	41.8	-0.13
T54	8	1.2	9.0	1.6		17.16	9	40.9	-0.16
T55	8	1.2	9.0	1.6		17.73	12	42.1	-0.18
T56	6.3	1.0	9.0	1.6		17.71	7	39.6	-0.14
T57	6.3	1.0	9.0	1.6		18.06	8	40.7	-0.15
T58	6.3	1.0	9.0	1.6		17.67	9	40.3	-0.12
T59	5	0.8	9.0	1.6		18.08	7	39.2	-0.16
T60	5	0.8	9.0	1.6		18.12	7	40.4	-0.15
T61	25	3.9	9.0	1.6	PR400	16.51	18	39.9	-0.04
T62	12.5	1.9	9.0	1.6		16.4	21	40.4	-0.02
T63	8	1.2	9.0	1.6		17.71	22	39.8	0.01
T64	6.3	1.0	9.0	1.6		18.03	21	39.4	-0.14
T65	5	0.8	9.0	1.6		17.65	23	39.7	-0.17
T66	25	3.9	9.0	1.6	PL400	17.13	19	38.9	0.02
T67	25	3.9	9.0	1.6		17.5	16	39.8	0.0
T68	25	3.9	9.0	1.6		17.23	17	39.8	0.02
T69	12.5	1.9	9.0	1.6		17.5	19	38.5	0.0
T70	12.5	1.9	9.0	1.6		17.5	16	39.3	0.01
T71	12.5	1.9	9.0	1.6		17.23	18	39.0	0.0
T72	12.5	1.9	9.0	1.6		17.49	16	39.7	0.03
T73	8	1.2	9.0	1.6		16.78	16	37.3	-0.01
T74	8	1.2	9.0	1.6		17.59	18	39.8	-0.09
T75	8	1.2	9.0	1.6		17.59	17	39.6	-0.07
T76	6.3	1.0	9.0	1.6		17.59	20	37.7	0.01
T77	6.3	1.0	9.0	1.6		17.97	16	40.0	-0.06
T78	6.3	1.0	9.0	1.6		17.97	17	38.6	-0.05
T79	5	0.8	9.0	1.6		17.5	18	39.7	-0.09

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\begin{longtable}{ccccccccc}

\caption{Summary of all tests}

\label{tab:my-table}\\

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\multirow{2}{*}{Test ID} & $d_{max}$ & $d_{50}$ & \multirow{2}{*}{$C_u$} & 
\multirow{2}{*}{$C_c$} & \multirow{2}{*}{Test class} & $\gamma_d$ & $E_{50}$ & $\phi'$ & 
$(d\varepsilon_v/d\varepsilon_a)_{max}$ \\

& (mm) & (mm) & & & (kN/m$^3$) & (MPa) & ($^\circ$) & (-) \\

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{\bfseries Table \thetable\ continued from previous page}} \\

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\multirow{2}{*}{Test ID} & $d_{max}$ & $d_{50}$ & \multirow{2}{*}{$C_u$} & 
\multirow{2}{*}{$C_c$} & \multirow{2}{*}{Test class} & $\gamma_d$ & $E_{50}$ & $\phi'$ & 
$(d\varepsilon_v/d\varepsilon_a)_{max}$ \\

& (mm) & (mm) & & & (kN/m$^3$) & (MPa) & ($^\circ$) & (-) \\

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T01 & 25 & 9.9 & 8.8 & 1.6 & \multirow{8}{*}{SR100} & 17.07 & 18 & 46.1 & -0.23 \\

T02 & 12.5 & 5.3 & 9.0 & 1.6 & & 17.00 & 14 & 46.2 & -0.28 \\
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T03 & 12.5 & 5.3 & 9.0 & 1.6 & & 17.37 & 12 & 41.4 & -0.21 \\

T04 & 12.5 & 5.3 & 9.0 & 1.6 & & 17.56 & 18 & 44.8 & -0.29 \\

T05 & 8 & 3.3 & 9.0 & 1.8 & & 17.14 & 15 & 45.2 & -0.23 \\

T06 & 6.3 & 2.7 & 9.2 & 1.8 & & 17.31 & 19 & 46.4 & -0.32 \\

T07 & 6.3 & 2.7 & 9.2 & 1.8 & & 17.06 & 9 & 43.7 & -0.21 \\

T08 & 5 & 2.2 & 9.5 & 1.8 & & 17.14 & 13 & 45.1 & -0.25 \\ \hline

T09 & 25 & 9.9 & 8.8 & 1.6 & \multirow{11}{*}{SL100} & 17.64 & 10 & 43.5 & -0.11 \\

T10 & 12.5 & 5.3 & 9.0 & 1.6 & & 17.47 & 10 & 42.2 & -0.13 \\

T11 & 12.5 & 5.3 & 9.0 & 1.6 & & 17.48 & 11 & 42.6 & -0.12 \\

T12 & 8 & 3.3 & 9.0 & 1.8 & & 16.67 & 10 & 41.3 & -0.14 \\

T13 & 8 & 3.3 & 9.0 & 1.8 & & 17.29 & 9 & 43.1 & -0.13 \\

T14 & 8 & 3.3 & 9.0 & 1.8 & & 16.50 & 10 & 42.9 & -0.11 \\

T15 & 6.3 & 2.7 & 9.2 & 1.8 & & 17.10 & 11 & 40.9 & -0.16 \\

T16 & 6.3 & 2.7 & 9.2 & 1.8 & & 17.53 & 8 & 42.3 & -0.12 \\

T17 & 6.3 & 2.7 & 9.2 & 1.8 & & 17.30 & 8 & 41.5 & -0.11 \\

T18 & 5 & 2.2 & 9.5 & 1.8 & & 16.89 & 7 & 41.3 & -0.10 \\

T19 & 5 & 2.2 & 9.5 & 1.8 & & 17.39 & 8 & 42.0 & -0.12 \\ \hline

T20 & 12.5 & 5.3 & 9.0 & 1.6 & \multirow{6}{*}{SR400} & 16.49 & 21 & 39.8 & -0.01 \\

T21 & 8 & 3.3 & 9.0 & 1.8 & & 17.10 & 21 & 41.3 & -0.01 \\

T22 & 8 & 3.3 & 9.0 & 1.8 & & 16.89 & 21 & 41.7 & 0.00 \\

T23 & 6.3 & 2.7 & 9.2 & 1.8 & & 16.53 & 17 & 38.8 & 0.05 \\

T24 & 6.3 & 2.7 & 9.2 & 1.8 & & 16.87 & 18 & 40.2 & 0.02 \\

T25 & 5 & 2.2 & 9.5 & 1.8 & & 16.93 & 18 & 40.2 & 0.02 \\ \hline

T26 & 25 & 9.9 & 8.8 & 1.6 & \multirow{13}{*}{SL400} & 16.98 & 19 & 38.5 & 0.07 \\

T27 & 25 & 9.9 & 8.8 & 1.6 & & 16.85 & 21 & 40.3 & 0.00 \\

T28 & 25 & 9.9 & 8.8 & 1.6 & & 16.83 & 20 & 40.7 & 0.12 \\

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T29 & 12.5 & 5.3 & 9.0 & 1.6 & & 16.14 & 18 & 38.3 & 0.06 \\

T30 & 12.5 & 5.3 & 9.0 & 1.6 & & 16.51 & 21 & 38.2 & 0.04 \\

T31 & 12.5 & 5.3 & 9.0 & 1.6 & & 16.97 & 17 & 39.2 & 0.04 \\

T32 & 8 & 3.3 & 9.0 & 1.8 & & 16.87 & 17 & 39.4 & 0.05 \\

T33 & 8 & 3.3 & 9.0 & 1.8 & & 16.30 & 17 & 39.0 & 0.06 \\

T34 & 8 & 3.3 & 9.0 & 1.8 & & 16.61 & 20 & 38.4 & 0.03 \\

T35 & 6.3 & 2.7 & 9.2 & 1.8 & & 16.94 & 17 & 38.6 & 0.04 \\

T36 & 6.3 & 2.7 & 9.2 & 1.8 & & 16.94 & 19 & 39.3 & 0.03 \\

T37 & 5 & 2.2 & 9.5 & 1.8 & & 16.76 & 19 & 39.4 & 0.00 \\

T38 & 5 & 2.2 & 9.5 & 1.8 & & 16.71 & 16 & 39.0 & 0.03 \\ \hline

T39 & 25 & 3.9 & 9.0 & 1.6 & \multirow{11}{*}{PR100} & 16.93 & 12 & 43.8 & -0.19 \\

T40 & 12.5 & 1.9 & 9.0 & 1.6 & & 18.00 & 15 & 46.1 & -0.32 \\

T41 & 12.5 & 1.9 & 9.0 & 1.6 & & 17.12 & 10 & 41.9 & -0.17 \\

T42 & 12.5 & 1.9 & 9.0 & 1.6 & & 17.56 & 15 & 42.5 & -0.16 \\

T43 & 8 & 1.2 & 9.0 & 1.6 & & 17.61 & 11 & 42.5 & -0.22 \\

T44 & 8 & 1.2 & 9.0 & 1.6 & & 17.40 & 12 & 44.0 & -0.38 \\

T45 & 8 & 1.2 & 9.0 & 1.6 & & 17.50 & 11 & 42.9 & -0.22 \\

T46 & 6.3 & 1.0 & 9.0 & 1.6 & & 17.45 & 11 & 44.7 & -0.23 \\

T47 & 6.3 & 1.0 & 9.0 & 1.6 & & 17.92 & 11 & 42.0 & -0.26 \\

T48 & 5 & 0.8 & 9.0 & 1.6 & & 17.77 & 9 & 39.6 & -0.19 \\

T49 & 5 & 0.8 & 9.0 & 1.6 & & 17.78 & 10 & 41.5 & -0.27 \\ \hline

T50 & 25 & 3.9 & 9.0 & 1.6 & \multirow{5}{*}{PL100} & 16.89 & 8 & 40.7 & -0.10 \\

T51 & 25 & 3.9 & 9.0 & 1.6 & & 17.38 & 10 & 41.5 & -0.12 \\

T52 & 12.5 & 1.9 & 9.0 & 1.6 & & 17.00 & 7 & 41.4 & -0.13 \\

T53 & 12.5 & 1.9 & 9.0 & 1.6 & & 17.21 & 9 & 41.8 & -0.13 \\

T54 & 8 & 1.2 & 9.0 & 1.6 & & 17.16 & 9 & 40.9 & -0.16 \\

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T55	8	1.2	9.0	1.6	&	17.73	12	42.1	&	-0.18	\\	
T56	6.3	1.0	9.0	1.6	&	17.71	7	39.6	&	-0.14	\\	
T57	6.3	1.0	9.0	1.6	&	18.06	8	40.7	&	-0.15	\\	
T58	6.3	1.0	9.0	1.6	&	17.67	9	40.3	&	-0.12	\\	
T59	5	0.8	9.0	1.6	&	18.08	7	39.2	&	-0.16	\\	
T60	5	0.8	9.0	1.6	&	18.12	7	40.4	&	-0.15	\\ \hline	
T61	25	3.9	9.0	1.6	&	\multirow{5}{*}{PR400}	16.51	18	39.9	&	-0.04	\\
T62	12.5	1.9	9.0	1.6	&		16.40	21	40.4	&	-0.02	\\
T63	8	1.2	9.0	1.6	&		17.71	22	39.8	&	0.01	\\
T64	6.3	1.0	9.0	1.6	&		18.03	21	39.4	&	-0.14	\\
T65	5	0.8	9.0	1.6	&		17.65	23	39.7	&	-0.17	\\ \hline
T66	25	3.9	9.0	1.6	&	\multirow{14}{*}{PL400}	17.13	19	38.9	&	0.02	\\
T67	25	3.9	9.0	1.6	&		17.50	16	39.8	&	0.00	\\
T68	25	3.9	9.0	1.6	&		17.23	17	39.8	&	0.02	\\
T69	12.5	1.9	9.0	1.6	&		17.50	19	38.5	&	0.00	\\
T70	12.5	1.9	9.0	1.6	&		17.50	16	39.3	&	0.01	\\
T71	12.5	1.9	9.0	1.6	&		17.23	18	39.0	&	0.00	\\
T72	12.5	1.9	9.0	1.6	&		17.49	16	39.7	&	0.03	\\
T73	8	1.2	9.0	1.6	&		16.78	16	37.3	&	-0.01	\\
T74	8	1.2	9.0	1.6	&		17.59	18	39.8	&	-0.09	\\
T75	8	1.2	9.0	1.6	&		17.59	17	39.6	&	-0.07	\\
T76	6.3	1.0	9.0	1.6	&		17.59	20	37.7	&	0.01	\\
T77	6.3	1.0	9.0	1.6	&		17.97	16	40.0	&	-0.06	\\
T78	6.3	1.0	9.0	1.6	&		17.97	17	38.6	&	-0.05	\\
T79	5	0.8	9.0	1.6	&		17.50	18	39.7	&	-0.09	\\ \hline

\end{longtable}