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Betonartenverzeichnis Nr.: 1/2021

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Sorten Nr.	Festigkeits klasse	Konsistenz	Festigkeits entwicklun g	Überwa chungs klasse	Feuchti gkeitskl asse	Expositionsklassen	Art / Festigkeitsklasse	Zement	Wasser	Gesteinskörnung			Zusätze		Zusatz mittel		
								Gehalt kg/m³	kg/m³	w/z	Art	Größtkorn (mm)	Siebl. Ber.	Gehalt kg/m³		Abw. Von Regelanfor derung	kg/m³
C 111	C 8/10	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	185	165		Sand, Kies	32	3	1.993			
CF 111	C 8/10	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	165	165		Sand, Kies	32	3	1.993	Dolomitmehl	40	
CH 111	C 8/10	F 3	S	1	WF	X0	CEM II/A-S 42,5 R	185	165		Sand, Kies	32	3	2.047			
C 112	C 8/10	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	205	165		Sand, Kies	16	3	1.962			
CF 112	C 8/10	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	180	165		Sand, Kies	16	3	1.962	Dolomitmehl	45	
CH 112	C 8/10	F 3	S	1	WF	X0	CEM II/A-S 42,5 R	220	165		Sand, Kies	16	3	2.030			
C 121	C 12/15	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	240	165		Sand, Kies	32	3	1.999			
CF 121	C 12/15	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	200	165		Sand, Kies	32	3	1.999	Dolomitmehl	40	
CH 121	C 12/15	F 3	S	1	WF	X0	CEM II/A-S 42,5 R	240	165		Sand, Kies	32	3	2.012			
C 122	C 12/15	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	250	170		Sand, Kies	16	3	1.963			
CF 122	C 12/15	F 3	L	1	WF	X0	CEM II/A-M 42,5 N	220	170		Sand, Kies	16	3	1.963	Dolomitmehl	45	
CH 122	C 12/15	F 3	S	1	WF	X0	CEM II/A-S 42,5 R	250	170		Sand, Kies	16	3	1.981			
C 142	C 12/15	C 1	L	1	WF	X0	CEM II/A-M 42,5 N	250	115		Sand, Kies	16	3	1.954			
CH 142	C 12/15	C 1	S	1	WF	X0	CEM II/A-S 42,5 R	250	115		Sand, Kies	16	3	1.954			
CF 142	C 12/15	C 1	L	1	WF	X0	CEM II/A-M 42,5 N	220	115		Sand, Kies	16	3	1.954	Dolomitmehl	35	
C 143	C 12/15	C 1	L	1	WF	X0	CEM II/A-M 42,5 N	290	130		Sand, Kies	8	3	1.887			
CF 143	C 12/15	C 1	L	1	WF	X0	CEM II/A-M 42,5 N	260	130		Sand, Kies	8	3	1.887	Dolomitmehl	40	
CH 143	C 12/15	C 1	S	1	WF	X0	CEM II/A-S 42,5 R	290	130		Sand, Kies	8	3	1.887			
C 211	C 16/20	F 3	L	1	WF	XC1,C2	CEM II/A-M 42,5 N	270	170	0,63	Sand, Kies	32	3	1.959			
CF 211	C 16/20	F 3	L	1	WF	XC1,C2	CEM II/A-M 42,5 N	240	165	0,69	Sand, Kies	32	3	1.959	Dolomitmehl	50	
CH 211	C 16/20	F 3	S	1	WF	XC1,C2	CEM II/A-S 42,5 R	270	170	0,63	Sand, Kies	32	3	1.973			
C 212	C 16/20	F 3	L	1	WF	XC1,C2	CEM II/A-M 42,5 N	290	175	0,60	Sand, Kies	16	3	1.914			
CF 212	C 16/20	F 3	L	1	WF	XC1,C2	CEM II/A-M 42,5 N	260	170	0,65	Sand, Kies	16	3	1.914	Dolomitmehl	50	
CH 212	C 16/20	F 3	S	1	WF	XC1,C2	CEM II/A-S 42,5 R	290	175	0,60	Sand, Kies	16	3	1.942			
C 221	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	280	155	0,55	Sand, Kies	32	3	1.991			
CF 221	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	240	150	0,63	Sand, Kies	32	3	1.991	Dolomitmehl	50	
CH 221	C 20/25	F 3	S	1	WF	XC3	CEM II/A-S 42,5 R	280	155	0,55	Sand, Kies	32	3	1.977			
C 222	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	290	155	0,53	Sand, Kies	16	3	1.969			
CF 222	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	260	150	0,58	Sand, Kies	16	3	1.969	Dolomitmehl	50	
CH 222	C 20/25	F 3	S	1	WF	XC3	CEM II/A-S 42,5 R	290	160	0,53	Sand, Kies	16	3	1.946			
C 231	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	290	165	0,57	Sand, Kies	32	3	1.954			BV
CF 231	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	260	165	0,63	Sand, Kies	32	3	1.935	Dolomitmehl	50	BV
CH 231	C 20/25	F 3	S	1	WF	XC3	CEM II/A-S 42,5 R	290	165	0,57	Sand, Kies	32	3	1.954			BV
C 232	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	310	175	0,57	Sand, Kies	16	3	1.896			BV

CF 232	C 20/25	F 3	L	1		XC3	CEM II/A-M 42,5 N	280	175	0,63	Sand, Kies	16	3	1.877		Dolomitmehl	50	BV
CH 232	C 20/25	F 3	S	1	WF	XC3	CEM II/A-S 42,5 R	310	175	0,57	Sand, Kies	16	3	1.923				BV
C 233	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	350	185	0,53	Sand, Kies	8	3	1.806				BV
CF 233	C 20/25	F 3	L	1	WF	XC3	CEM II/A-M 42,5 N	320	185	0,58	Sand, Kies	8	3	1.806		Dolomitmehl	60	BV
CH 233	C 20/25	F 3	S	1	WF	XC3	CEM II/A-S 42,5 R	350	185	0,53	Sand, Kies	8	3	1.806				BV
C 302	C 25/30	C 1	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	280	115	0,41	Sand, Kies	16	3	1.910				
CH 302	C 25/30	C 1	S	1	WF	XC4, XF1	CEM II/A-S 42,5 R	280	115	0,45	Sand, Kies	16	3	1.910				
C 303	C 25/30	C 1	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	320	130	0,41	Sand, Kies	8	3	1.861				
CF 303	C 25/30	C 1	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	290	130	0,45	Sand, Kies	8	3	1.857		Dolomitmehl	40	
CH 303	C 25/30	C 1	S	1	WF	XC4, XF1	CEM II/A-S 42,5 R	320	130	0,41	Sand, Kies	8	3	1.861				
C 311	C 25/30	F 3	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	300	165	0,55	Sand, Kies	32	3	1.923				BV
CF 311	C 25/30	F 3	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	280	165	0,59	Sand, Kies	32	3	1.923		Dolomitmehl	60	BV
CH 311	C 25/30	F 3	S	1	WF	XC4, XF1	CEM II/A-S 42,5 R	300	165	0,55	Sand, Kies	32	3	1.923				BV
C 312	C 25/30	F 3	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	315	167	0,53	Sand, Kies	16	3	1.878				BV
CF 312	C 25/30	F 3	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	300	167	0,56	Sand, Kies	16	3	1.878		Dolomitmehl	60	BV
FG 312	C 25/30	F 3	M	1	WF	XC4, XF1	CEM II/A-M 42,5 N	300	175	0,58	Sand, Kies	16	3	1.858		Dolomitmehl	50	FM
CG 312	C 25/30	F 3	M	1	WF	XC4, XF1	CEM II/A-M 42,5 N	315	165	0,52	Sand, Kies	16	3	1.885				FM
CH 312	C 25/30	F 3	S	1	WF	XC4, XF1	CEM II/A-S 42,5 R	315	168	0,54	Sand, Kies	16	3	1.897				BV
GH 312	C 25/30	F 3	S	1	WF	XC4, XF1	CEM II/A-S 42,5 R	315	165	0,52	Sand, Kies	16	3	1.885				FM
CZ 312	C 25/30	F 3	L	2	WF	XC4, XF1	CEM III/A 32,5 N-LH	330	175	0,53	Sand, Kies	16	3	1.896				BV
C 313	C 25/30	F 3	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	355	180	0,53	Sand, Kies	8	3	1.789				BV
CF 313	C 25/30	F 3	L	1	WF	XC4, XF1	CEM II/A-M 42,5 N	320	185	0,58	Sand, Kies	8	3	1.789		Dolomitmehl	70	BV
CH 313	C 25/30	F 3	S	1	WF	XC4, XF1	CEM II/A-S 42,5 R	355	188	0,53	Sand, Kies	8	3	1.816				BV
C 321	C 25/30	F 3	L	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	310	160	0,52	Sand, Kies	32	3	1.927				BV
CF 321	C 25/30	F 3	L	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	300	165	0,55	Sand, Kies	32	3	1.927		Dolomitmehl	60	BV
CH 321	C 25/30	F 3	S	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-S 42,5 R	320	165	0,52	Sand, Kies	32	3	1.940				BV
CG 321	C 25/30	F 3	M	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	320	160	0,50	Sand, Kies	32	3	1.927				FM
C 322	C 25/30	F 3	L	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	325	168	0,52	Sand, Kies	16	3	1.868				BV
CF 322	C 25/30	F 3	L	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	310	170	0,55	Sand, Kies	16	3	1.868		Dolomitmehl	60	BV
CG 322	C 25/30	F 3	M	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	325	165	0,52	Sand, Kies	16	3	1.884				FM
CH 322	C 25/30	F 3	S	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-S 42,5 R	325	168	0,52	Sand, Kies	16	3	1.895				BV
GH 322	C 25/30	F 3	S	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-S 42,5 R	325	163	0,50	Sand, Kies	16	3	1.884				FM
CS 322	C 25/30	F 3	M	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	330	175	0,53	Sand, Kies	16	3	1.910		Dolomitmehl	60	BV
CY 322	C 25/30	F 3	L	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	370	180	0,49	Sand, Kies	16	3	1.867				BV
C 323	C 25/30	F 3	L	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	365	180	0,52	Sand, Kies	8	3	1.770				BV
CF 323	C 25/30	F 3	L	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-M 42,5 N	340	183	0,54	Sand, Kies	8	3	1.770		Dolomitmehl	60	BV
CH 323	C 25/30	F 3	S	1/2 ²	WF	XC4, XF1, XA1	CEM II/A-S 42,5 R	365	188	0,52	Sand, Kies	8	3	1.797				BV
C 411	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	350	170	0,49	Sand, Kies	32	3	1.888				BV
CI 411	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	350	170	0,49	Sand, Kies	32	3	1.887	MS 18, F2			BV
CM 411	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2, XM1/2	CEM II/A-M 42,5 N	350	166	0,47	Sand, Kies	32	3	1.903	mit Oberflächenbeh.			BV
CF 411	C 30/37	F 3	L	2	WA	XC4, XD1, XF2, XF3, XA1	CEM II/A-M 42,5 N	320	170	0,53	Sand, Kies	32	3	1.868		Dolomitmehl	50	BV
CZ 411	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM III/A 32,5 N-LH	350	173	0,49	Sand, Kies	32	3	1.887				BV
CG 411	C 30/37	F 3	M	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	350	165	0,47	Sand, Kies	32	3	1.887				FM
CH 411	C 30/37	F 3	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	350	170	0,49	Sand, Kies	32	3	1.888				BV
FD 411	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	350	170	0,49	Sand, Kies	32	3	1.888	MS 18, F2			BV
CB 5411	C 30/37	F 5	L	2	WF	XC4, XF1, XF2, XD2, XA2	CEM II/A-M 42,5 N	375	180	0,48	Sand, Kies	32	3	1.755				BV,FM

GH 411	C 30/37	F 3	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	350	170	0,49	Sand, Kies	32	3	1.888				FM
C 412	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	370	175	0,47	Sand, Kies	16	3	1.829				BV
CI 412	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	370	175	0,47	Sand, Kies	16	3	1.829	MS 18, F2			BV
CM 412	C 30/37	F 3	L	2	WA	XC4, XD2, XF2+3, XA2, XM1/2**	CEM II/A-M 42,5 N	360	170	0,47	Sand, Kies	16	3	1.856	mit Oberflächenbeh.			BV
CF 412	C 30/37	F 3	L	2	WA	XC4, XD1, XF2, XF3, XA1	CEM II/A-M 42,5 N	340	175	0,51	Sand, Kies	16	3	1.824		Dolomitmehl	50	BV
CZ 412	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM III/A 32,5 N-LH	370	175	0,47	Sand, Kies	16	3	1.818				BV
CG 412	C 30/37	F 3	M	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	370	170	0,46	Sand, Kies	16	3	1.845				FM
FD 412	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	360	165	0,46	Sand, Kies	16	3	1.864	MS 18, F2			BV
CB 5412	C 30/37	F 5	L	2	WF	XC4, XF1, XF2, XD2, XA2	CEM II/A-M 42,5 N	390	190	0,49	Sand, Kies	16	3	1.742				BV, FM
GH 412	C 30/37	F 3	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	370	170	0,46	Sand, Kies	16	3	1.845				FM
CH 412	C 30/37	F 3	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	370	175	0,47	Sand, Kies	16	3	1.829				BV
C 413	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	410	200	0,49	Sand, Kies	8	3	1.730				BV
CI 413	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-M 42,5 N	410	200	0,49	Sand, Kies	8	3	1.730	MS 18, F2			BV
CF 413	C 30/37	F 3	L	2	WA	XC4, XD1, XF2, XF3, XA2	CEM II/A-M 42,5 N	370	200	0,54	Sand, Kies	8	3	1.701		Dolomitmehl	60	BV
CZ 413	C 30/37	F 3	L	2	WA	XC4, XD2, XF2, XF3, XA2	CEM III/A 32,5 N-LH	410	200	0,49	Sand, Kies	8	3	1.730				BV
CH 413	C 30/37	F 3	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	410	200	0,49	Sand, Kies	8	3	1.743				BV
C 421	C 35/45*	F 3*	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	370	175	0,47	Sand, Kies	32	3	1.842				BV
C 422	C 35/45*	F 3*	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	390	180	0,46	Sand, Kies	16	3	1.782				BV
C 423	C 35/45*	F 3*	S	2	WA	XC4, XD2, XF2, XF3, XA2	CEM II/A-S 42,5 R	450	210	0,47	Sand, Kies	8	3	1.656				BV
C 441	C 35/45*	F 3*	S	2	WA	XC4, XD3, XF2, XF3, XA3	CEM II/A-S 42,5 R	370	168	0,45	Sand, Kies	32	3	1.869				BV
CM 441	C 35/45*	F 3*		2	WA	XC4, XD3, XF2, XF3, XA3, XM2	CEM II/A-S 42,5 R	360	163	0,45	Sand, Kies	32	3	1.880				FM, BV
C 442	C 35/45*	F 3*	S	2	WA	XC4, XD3, XF2, XF3, XA3	CEM II/A-S 42,5 R	390	177	0,45	Sand, Kies	16	3	1.814				BV
CM 442	C 35/45*	F 3*	L	2	WA	XC4, XD3, XF2, XF3, XA3	CEM II/A-S 42,5 R	390	175	0,45	Sand, Kies	16	3	1.845				BV, FM
C 443	C 35/45*	F 3*	S	2	WA	XC4, XD3, XF2, XF3, XA3	CEM II/A-S 42,5 R	450	200	0,45	Sand, Kies	8	3	1.699				BV
C 511	C 25/30	F 3*	M	2	WA	XC4, XD1, XF2+3, XA1, XM1	CEM II/A-M 42,5 N	350	160	0,46	Sand, Kies	32	3	1.847	MS 18			LP
C 512	C 25/30	F 3*	M	2	WA	XC4, XD1, XF2+3, XA1, XM1	CEM II/A-M 42,5 N	350	160	0,46	Sand, Kies	16	3	1.833	MS 18			LP
C 521	C 30/37	F 3*	M	2	WA	XC4, XD2, XF3+4, XA2	CEM II/A-S 42,5 R	350	170	0,49	Sand, Kies	32	3	1.801				LP
C 522	C 30/37	F 3*	M	2	WA	XC4, XD2, XF3+4, XA2	CEM II/A-S 42,5 R	350	170	0,49	Sand, Kies	16	3	1.805				LP
C 531	C 30/37	F 3*	M	2	WA	XC4, XD3, XF3+4, XA3, XM2	CEM II/A-S 42,5 R	350	156	0,45	Sand, Kies	32	3	1.839				LP, FM
C 532	C 30/37	F 3*	M	2	WA	XC4, XD3, XF3+4, XA3, XM2	CEM II/A-S 42,5 R	350	156	0,45	Sand, Kies	16	3	1.839				LP, FM