

BS 8500 Requirements for Standardised Prescribed and Designated Concretes



bringing materials to *life*

Concrete	Min Cement kg/m ³	Max W/C	CEM I	Phoenix	Portland-Limestone Cement	Comments
ST1	230	-	✓	✓	✓	BS 8500-2 Table 7
ST2	255	-	✓	✓	✓	BS 8500-2 Table 7
ST3	295	-	✓	✓	✓	BS 8500-2 Table 7
ST4	330	-	✓	✓	✓	BS 8500-2 Table 7
ST5	355	-	✓	✓	✓	BS 8500-2 Table 7
GEN 0	120	-	✓	✓	✓	BS 8500-1 Table A14
GEN 1	180	-	✓	✓	✓	BS 8500-1 Table A14
GEN 2	200	-	✓	✓	✓	BS 8500-1 Table A14
GEN 3	220	-	✓	✓	✓	BS 8500-1 Table A14
RC 20/25	240	0.70	✓	✓	✓	BS 8500-1 Table A14
RC 25/30	260	0.65	✓	✓	✓	BS 8500-1 Table A14
RC 28/35	280	0.60	✓	✓	✓	BS 8500-1 Table A14
RC 30/37	300	0.55	✓	✓	✓	BS 8500-1 Table A14
RC 32/40	300	0.55	✓	✓	✓	BS 8500-1 Table A14
RC 35/45	320	0.50	✓	✓	✓	BS 8500-1 Table A14
RC 40/50	340	0.45	✓	✓	✓	BS 8500-1 Table A14
RC 40/50XF	340	0.45	✓	✓	✓	BS 8500-1 Table A14
PAV 1	280	0.60	✓	✓	✓	BS 8500-1 Table A14
PAV 2	300	0.55	✓	✓	✓	BS 8500-1 Table A14
FND 2	340	0.50	✓	-	-	BS 8500-1 Table A14
FND 2	320	0.55	-	✓	-	BS 8500-1 Table A14
FND 2	360	0.45	-	-	✓	BS 8500-1 Table A14
FND 2z	320	0.55	✓	✓	✓	BS 8500-1 Table A14
FND 3	380	0.40	-	✓	-	BS 8500-1 Table A14
FND 3z	340	0.50	✓	✓	✓	BS 8500-1 Table A14
FND 4	380	0.35	-	✓	-	BS 8500-1 Table A14
FND 4z	360	0.45	✓	✓	✓	BS 8500-1 Table A14

Values for minimum cement content are based on the use of cement class 42,5 or higher, 20mm aggregate and a default slump class of S3 unless otherwise stated

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For further information

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The information in this datasheet is accurate at the time of printing, but Lafarge Cement UK reserve the right to amend details as part of their product development programme.



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This quality of paper helps us to maintain our high presentational standards, while respecting our environment and promoting sustainability.

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