

# TECHNICAL INFORMATION

## BS 8500 2015 REQUIREMENTS FOR STANDARDISED PRESCRIBED AND DESIGNATED CONCRETES

### Information Sheet

Concrete	Min Cement kg/m <sup>3</sup>	Max W/C	CEM I	Phoenix	Portland- Limestone Cement	Comments
ST1	230	-	✓	✓	✓	BS 8500-2 Table 10
ST2	255	-	✓	✓	✓	BS 8500-2 Table 10
ST3	295	-	✓	✓	✓	BS 8500-2 Table 10
ST4	330	-	✓	✓	✓	BS 8500-2 Table 10
ST5	355	-	✓	✓	✓	BS 8500-2 Table 10
GEN 0	120	-	✓	✓	✓	BS 8500-1 Table A15
GEN 1	180	-	✓	✓	✓	BS 8500-1 Table A15
GEN 2	200	-	✓	✓	✓	BS 8500-1 Table A15
GEN 3	220	-	✓	✓	✓	BS 8500-1 Table A15
RC 20/25	240	0.70	✓	✓	✓	BS 8500-1 Table A15
RC 25/30	260	0.65	✓	✓	✓	BS 8500-1 Table A15
RC 28/35	280	0.60	✓	✓	✓	BS 8500-1 Table A15
RC 30/37	300	0.55	✓	✓	✓	BS 8500-1 Table A15
RC 32/40	300	0.55	✓	✓	✓	BS 8500-1 Table A15
RC 35/45	320	0.50	✓	✓	✓	BS 8500-1 Table A15
RC 40/50	340	0.45	✓	✓	✓	BS 8500-1 Table A15
RC 40/50XF	340	0.45	✓	✓	✓	BS 8500-1 Table A15
PAV 1 (S2)	300	0.55	✓	✓	✓	BS 8500-1 Table A15
PAV 2 (S3)	340	0.45	✓	✓	✓	BS 8500-1 Table A15

FND 2	340	0.50	✓	-	-	BS 8500-1 Table A15
FND 2	320	0.55	-	✓	-	BS 8500-1 Table A15
FND 2	360	0.45	-	-	✓	BS 8500-1 Table A15
FND 2z	320	0.55	✓	✓	✓	BS 8500-1 Table A15
FND 3	380	0.40	-	✓	-	BS 8500-1 Table A15
FND 3z	340	0.50	✓	✓	✓	BS 8500-1 Table A15
FND 4	380	0.35	-	✓	-	BS 8500-1 Table A15
FND 4z	360	0.45	✓	✓	✓	BS 8500-1 Table A15

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

#### For further information

**Technical helpdesk**

Tel: 0845 812 6232

E-mail [info-cement@tarmac.com](mailto:info-cement@tarmac.com)

**Customer services & sales**

Tel: 0845 812 6300

E-mail [customerservice@tarmac.com](mailto:customerservice@tarmac.com)

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