



Table of guidance on concrete groupings for CIRIA R108 formwork pressure calculations with coefficient C_2 value, dependent on cement designation and admixture

NEW GROUP	Concrete	CIRIA R108	
		C_2	group
A Basic Concrete	(i) Concretes without admixture CEM I , SRPC, IIA with metakaolin, or IIA with silica fume	0.30	1
	(ii) Concretes with any admixture except with retarding properties CEM I , SRPC, IIA with metakaolin, or IIA with silica fume	0.30	2
B Retarded Concrete	(iii) Concretes with admixtures that retard CEM I , SRPC, IIA with metakaolin, or IIA with silica fume	0.45	3
	(iv) Concretes without admixture IIIA, IIA, IIB	0.45	4
	(v) Concretes with any admixture except with retarding properties IIIA, IIA, IIB	0.45	5
	(vi) Self-compacting concretes with any admixture except with retarding properties All cements except IIIB, IVB	0.45	-
C Heavily Retarded Concrete	(vii) Concretes with admixtures that retard IIIA, IIA, IIB (see Note 2)	0.60	6
	(viii) Concrete with or without admixtures IIIB, IVB (see Note 2)	0.60	7
	(ix) Self-compacting concrete with retarding properties All cements	0.60	-
	(x) Self-compacting concrete with any admixture except with retarding properties IIIB, IVB (see Note 2)	0.60	-
Notes to Table (1) The original table in CIRIA R108 specified limits of 70% ggbs and 40% pfa. The limiting values in BS 8500 have now been incorporated. (2) Concrete Groups (6) and (7) as combinations of materials are rare, and the values indicated are derived from extrapolation of the data, together with a consideration of the theoretical effects. (3) SRPC is not generally available in bulk			

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