

Table 9.2.6. Common Cements According to EN 197-1

Main types	Notation of the 27 products (types of common cement)		Composition (% by mass)										Other constituents			
			Main constituents													
			Clinker	Blast-furnace slag	Silica fume	Pozzolana		Fly ash		Calcined (burnt) shale	Limestone					
						Natural	Natural calcined	Siliceous	Calcareous		L	LL				
K	S	D <sup>a</sup>	P	Q	V	W	T	L	LL							
CEM I	Portland cement	CEM I	95-100												0-5	
	Portland-slag cement	CEM II/A-S	80-94	6-20												0-5
		CEM II/B-S	65-79	21-35												0-5
	Portland-silica fume cement	CEM II/A-D	90-94		6-10											0-5
	Portland-pozzolan cement	CEM II/AP	80-94			6-20										0-5
		CEM II/BP	65-79			21-35										0-5
		CEM II/A-Q	80-94				6-20									0-5
		CEM II/B-Q	65-79				21-35									0-5
	Portland-fly ash cement	CEM II/A-V	80-94					6-20								0-5
		CEM II/BV	65-79					21-35								0-5
		CEM II/A-W	80-94						6-20							0-5
		CEM II/B-W	65-79						21-35							0-5
	Portland-burnt shale cement	CEM II/A-T	80-94							6-20						0-5
		CEM II/B-T	65-79							21-35						0-5
	Portland-limestone cement	CEM II/A-L	80-94									6-20				0-5
		CEM II/BL	65-79									21-35				0-5
		CEM II/ALL	80-94											6-20		0-5
		CEM II/BAL	65-79											21-35		0-5
Portland-composite cement	CEM II/AM	80-94						6-20							0-5	
	CEM II/BAM	65-79						21-35							0-5	
CEM III	Blastfurnace cement	CEM III/A	35-64	36-65											0-5	
		CEM III/B	20-34	66-80											0-5	
		CEM III/C	5-19	81-95											0-5	
CEM IV	Pozzolanic cement	CEM IV/A	65-89				11-35					0-5				
		CEM IV/B	45-64				36-55					0-5				
CEM V	Composite cement	CEM V/A	40-64	18-30			18-30					0-5				
		CEM V/B	20-38	31-50			31-50					0-5				