



ÖNORM EN 197-1

Edition: 2008-10-01

Cement

Part 1: Composition, specifications and conformity criteria for common cements

(consolidated version)

Zement — Teil 1: Zusammensetzung, Anforderungen und Konformitätskriterien von Normalzement
(konsolidierte Fassung)

Ciment — Partie 1: Composition, spécifications et critères de conformité des ciments courants
(version consolidée)

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Cement used in construction industry



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I KONSTRUKCIJA a.d.
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Tabelarni prikaz rezultata laboratorijskih ispitivanja sledećih materijala

KARAKTERISTIKE	MATERIJAL			
	SUPERBET 1	SUPERBET 3	SUPERBET 4	SUPERMAL
Zapreminska masa u nasutom stanju (kg/m ₃)	250	460	535	320
Zapreminska masa očvrslog uzorka gustina ρ (kg/m ³)	334	540	823	385
Rasprostiranje (mm)	140	143	138	170
Sadržaj uvuženog vazduha (%)	27	40	28	31
Čvrstoća na savijanje (MPa)				
7 dana	0,65	0,77	1,40	0,09
28 dana	1,11	1,18	2,62	0,26
Čvrstoća na pritisak (MPa)				
7 dana	0,96	1,19	4,75	0,20
28 dana	1,99	2,12	8,38	0,31
Koeficijent toplotne provodljivosti λ (w/mK)	0,12	0,18	0,27	0,11
Koeficijent otpora difuziji vodene pare (μ)	4,6	4	9,1	3,7
Koeficijent kapilarnog upijanja vlage w (kg/m ² 24 ^{1/2})	0,880	1,156	0,759	0,944
Koeficijent Sd	0,08	0,07	0,15	0,06

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