
 06	<b>Saint-Gobain Weber A/S</b> Randersvej 75 · Hinge · DK-8940 Randers SV				
	<b>BS EN 13055-2</b> <b>Lightweight aggregate for unbound and bound applications.</b>				
Product name	Leca® 4 -10				
Article number	16 02 00 00				
Property	Test method	Declared value		Typical value	
		Limits <sup>1</sup>			
Loose bulk density	BS EN 1097-3	( Limits ±15% ) 230 - 310 kg/m <sup>3</sup>		270 kg/m <sup>3</sup>	
Aggregate size	BS EN 933-1	4 - 9 mm			
Particle shape		Round/cracked			
Aggregate size distribution	BS EN 933-1 Dry sieving	Mesh size		Passing	
		12,5 mm	100 - 100 %	100 %	
		10 mm	99 - 100 %	100 %	
		9 mm	90 - 100 %	97 %	
		8 mm	80 - 96 %	88 %	
		6,3 mm	45 - 75 %	62 %	
		4 mm	4 - 15 %	9 %	
		3,15 mm	0 - 10 %	3 %	
		0,25 mm	0 - 3 %	1 %	
Water absorption	BS EN 1097-6	Time		Water absorption	
		5 min.	19 - 37 %	28 %	
		60 min.	22 - 41 %	31 %	
		24 hour	29 - 49 %	39 %	
Water suction height	BS EN 1097-10	NPD			
Crushing resistance	BS EN 13055-1	min.	0,80 N/mm <sup>2</sup>	1,00 N/mm <sup>2</sup>	
Percentage of crushed particles	BS EN 933-5/A1	0 - 50 %		21 %	
Volume stability	BS EN 13055-1	NPD			
Duability against freeze/thaw	BS EN 13055-1	Durable according to long term experience			
Chloride	BS EN 1744-1	max.	0,02 %		
Acid-soluble sulphate	BS EN 1744-1	max.	0,5 %		
Total sulphur	BS EN 1744-1	max.	0,32 %		
Cleanliness	BS EN 1744-1	Not relevant			
Release of heavy metals by leaching	BS EN 1744-3	NPD			
Release of dangerous substances		NPD			

<sup>1</sup> 90 % tolerance interval with a confidence level of 90 % according to ISO 12491 unless otherwise stated

**Additional declaration (not covered by the CE-marking)**

Property	Test method	Declared value		Typical value
		Limits <sup>1</sup>		
Particle density	BS EN 1097-6	(± 15% grænser) 455 - 615 kg/m <sup>3</sup>		535 kg/m <sup>3</sup>

The Leca® plant has the quality management system acc. to DS/EN ISO 9001:2000, the environmental management system acc. to DS/EN ISO 14001:2004 and the energi managemnt system acc. to DS 2403:2001

Leca® is a registered trademark owend by Leca Trading & Concession A/S