

technical data sheet - clinka 10-20mm 'coated'

Product name		clinkaFILL 10-20 coated		
Property	test method	Declared value		
		Limits ¹	Typical value	
Reaction to fire	BS EN 13055-1	Euroclass A1 (without testing)²		
Water suction height	BS EN 1097-10	75 mm		
Release of dangerous substances				NPD
Thermal conductivity	BS EN 14063-1	0,085 W/mK		
Aggregate size	BS EN 933-1	08 - 20 mm		
Aggregate size distribution	BS EN 933-1 Dry sieving	Mesh size (mm)	Passing (%)	
		31.5	100-100	100 %
		20	96-100	99 %
		16	70-95	84 %
		14	50-85	68 %
		12.5	35-75	55 %
		10	3-35	17 %
		8	0-10	3 %
		0.25	0-2	1 %
-	0.063	0-1	0 %	
Loose bulk density	BS EN 1097-3	(Limits $\pm 15\%$)	185-245 kg/m ³	215 kg/m ³
Crushing resistance	BS EN 13055-1	min.0,59 N/mm ²		0,84 N/mm ²

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

² Baked at 1200° C clinkaFILL is practically indestructible by fire

clinkaFILL does not contain organic materials or byproducts; it does not rot or deteriorate in time, even under extreme temperature or humidity conditions. It has a high resistance against acids and solvents. It does not breakdown when subjected to freeze-thaw cycles. clinkaFILL does not contain, nor release silica, fibrous substances, Radon gas or other harmful materials, even in the event of a fire. It is a natural and environmentally friendly product.

The manufacturing plant has quality management system acc. to DS/EN ISO 9001:2000; Environmental management system acc. to DS/EN ISO 14001:2004; and the energy management system acc. to DS 2403:2001

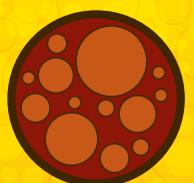


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clinka: n. lightweight, insulating building products



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