

Summary of test certificates - CTS product line

CONCRETE MIX

No. of test certificate	Applicable norm/test	Type of test	Result	Demand*
0-54/0696-C1/12	DIN EN 1015-3	slump	185 mm	[NPD]
	DIN EN 196-3	initial set	16 min.	[NPD]
	DIN EN 196-3	final set	31 min.	[NPD]
0-54/0696-C1/12	DIN EN 1015-11	flexural strength after 28 days	7,0 N/mm ²	[NPD]
0-54/1526-C/13	DIN EN 12190	compressive strength after 1 day	41,9 N/mm ²	[NPD]
	DIN EN 12190	compressive strength after 3 days	47,1 N/mm ²	[NPD]
	DIN EN 12190	compressive strength after 7 days	49,9 N/mm ²	[NPD]
	DIN EN 12190	compressive strength after 28 days	58,8 N/mm ²	≥ 45 N/mm ²
0-54/0129/14	DIN EN 13454-2	determination of pH-value	see summary of test certificates "Cement All"	
	DIN EN 38414-4 DIN EN 13454-2	determination of pH-value after 7 days		
0-54/1526-C/13	DIN EN 1015-17	determination of chloride contents	0,012 M.-%	≤ 0,05 M.-%
0-54/1526-C/13	DIN EN 13412	static modulus of elasticity	26400 N/mm ²	≥ 20000 N/mm ²
0-54/0696-C2/12	test - sulfate resistance acc. to Wittekindt		0,30 mm/m	≤ 0,5 mm/m

*[NPD] - no performance determined

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