

# Market Timbers

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## Cork Pure Light/Medium/Dark, sanded, 8mm - Technical Data Sheet

General Properties - EN 12104	Standard - Test Method	Unit	Specification
Dimensions (Width and Length)	EN 427	mm	≤ 0.20% up to max. 1mm
Overall thickness	EN 428	mm	nominal -0 + 0.25
Squareness and straightness of the edges	EN 427	mm	≤ 0.50
≤ 400 mm			
> 400 mm			≤ 1.00
Mass per unit area	EN 430	g/m <sup>2</sup>	2.5 +/- 10%
Dimensional stability after exposure to heat	EN 437	%	≤ 0.4
Curling after exposure to heat	EN 437	mm	≤ 6
Moisture content	EN 12105	%	3.5 to 4.5
Classification Properties - EN 12104			
Overall thickness	EN 428	mm	≥ 4.0
Apparent density	EN 672	kg/m <sup>3</sup>	≥ 450
Safety Properties – EN14041			
Fire resistance	ISO 11925-2/ISO 9239-1 (classification according to EN 13501-1)	Class	Cfl-S1
Formaldehyde emission	DIN EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 14041 Annex B	%	Undetectable
Safety Properties			
Fire resistance - Critical Radiant Flux (CRF) <sup>1</sup>		kw/m <sup>2</sup>	4.5
Smoke development <sup>2</sup>		%-min	< 750 percent-minutes
Additional Properties			
Impact sound reduction	ISO 140-8	dB	14
Impact sound insulation index		Ln,w+Cl (dB)	< 62 dB

<sup>1</sup> Fire classification in accordance with EN 13501-1 (2002), Class Cfl (EN ISO 9239-1 test duration = 30 minutes) has heat flux ≥ 4.5 kW/m<sup>2</sup>.

<sup>2</sup> Fire classification in accordance with EN 13501-1 (2002), Class S1 has smoke production ≤ 750%-min.