



Declaration of Properties

No. DOP-CET

Unique product type identification code: CETRIS® cement bonded particleboard

Intended applications: CETRIS® cement bonded particleboard for non-load-bearing elements for interior or exterior use in a dry or wet environment (board thickness < 16 mm) and load-bearing elements for interior or exterior use in a dry or wet environment (board thickness ≥ 16 mm).

Manufacturer: CIDEM Hranice, a.s., Skalní 1088, Hranice I - Město, 753 01 Hranice,
Business address – CETRIS Division, Nová 223, 753 01 Hranice, Czech Republic

POSV system: 1

Harmonised standard: EN 13986:2004+A1:2015

Notified body: 1020 - Technický a zkušební ústav stavební Praha, s.p. (Technical and Test Institute for Construction Prague, state enterprise), Czech Republic,

Declared properties:

Basic characteristics	Property		Harmonised technical specification
Reaction to fire	A2-s1, d0 (with the exception of floorings)		EN 13986:2004+A1:2015
Bending strength	≥ 9.0 N/mm ²		EN 13986:2004+A1:2015
Modulus of elasticity	load-bearing ≥ 4500 N/mm ²	non-load-bearing ≥ 4000 N/mm ²	EN 13986:2004+A1:2015
Technical class	1	2	EN 13986:2004+A1:2015
Formaldehyde emissions	Class E1		EN 13986:2004+A1:2015
Breakthrough (for ceilings and roofs)	NPD		EN 13986:2004+A1:2015
Mechanical/bearing resistance	NPD		EN 13986:2004+A1:2015
Impact resistance	NPD		EN 13986:2004+A1:2015
Water vapour permeability	NPD		EN 13986:2004+A1:2015



	Pentachlorophenol emissions	n/a	EN 13986:2004+A1:2015	
	Soundproofing	NPD	EN 13986:2004+A1:2015	
	Sound absorption	NPD	EN 13986:2004+A1:2015	
	Thermal conductivity	NPD	EN 13986:2004+A1:2015	
	Strength of wall opening	NPD	EN 13986:2004+A1:2015	
	Sound transmission	NPD	EN 13986:2004+A1:2015	
Durability	Gluing quality	n/a	EN 13986:2004+A1:2015	
	Internal bond after cycling	$\geq 0.3 \text{ N/mm}^2$	EN 13986:2004+A1:2015	
	Thickness swelling after cycling	max. 1.5%	EN 13986:2004+A1:2015	
	Resistance to humidity	NPD	EN 13986:2004+A1:2015	
	Mechanical	Modification factor k_{mod} of service class 3		EN 13986:2004+A1:2015
		Permanent load	0,5	
		Long-term load	0,55	
		Medium-term load	0,60	
		Short-term load	0,70	
		Instantaneous load	0,85	
	Deformation factor k_{def} of service class 3	8		
	Biological	NPD	EN 13986:2004+A1:2015	

The properties of the above-stated product comply with the set of declared properties.

This declaration of properties is in compliance with Regulation (EU) No. 305/2011 issued on the exclusive liability of the above-stated manufacturer.

This declaration of performance replaces the edition of 2021-06-01.

Hranice, 6 June 2022

On behalf of CIDEM Hranice a.s.

Ing. Martin Klvač
CETRIS Division Director