

Declaration of performance

No. DOP-CET-ECO

Unique identification code of the product type: **CETRIS® ECO cement bonded particleboard**

Intended use: CETRIS® ECO cement bonded particleboard for non-load-bearing elements for internal or external use in dry or humid conditions (boards of thickness < 16.0 mm) and load-bearing structural elements for internal or external use in dry or humid conditions (boards of thickness ≥ 16.0 mm), without surface finish and with surface finish (PLUS, FINISH, LASUR, DEKOR).

Manufacturer: CIDEM Hranice, a.s., Skalní 1088, Hranice I - Město, 753 01 Hranice, production site – Divize CETRIS, Nová 223, 753 01 Hranice, Czech Republic.

System of assessment and verification of constancy of performance (AVCP): 1

Harmonised standard: EN 13986:2004+A1:2015.

Notified body: 1020 – Technický a zkušební ústav stavební Praha, s.p., Czech Republic.

Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B-s1, d0	EN 13986:2004+A1:2015
Bending strength	≥ 9,0 N/mm ²	EN 13986:2004+A1:2015
Modulus of elasticity	load-bearing ≥ 4 500 N/mm ²	EN 13986:2004+A1:2015
Technical class	1	EN 13986:2004+A1:2015
Formaldehyde release	class E1	EN 13986:2004+A1:2015
Punching shear (for floors and roofs)	NPD	EN 13986:2004+A1:2015
Racking strength	NPD	EN 13986:2004+A1:2015
Impact resistance	NPD	EN 13986:2004+A1:2015
Water vapour permeability	NPD	EN 13986:2004+A1:2015
Release of pentachlorophenol	not relevant	EN 13986:2004+A1:2015
Airborne sound insulation	NPD	EN 13986:2004+A1:2015
Sound absorption	NPD	EN 13986:2004+A1:2015
Thermal conductivity	NPD	EN 13986:2004+A1:2015
Embedment strength ("Pevnost stěny otvoru")	NPD	EN 13986:2004+A1:2015
Air permeability (in the original "Průzvučnost") ¹	NPD	EN 13986:2004+A1:2015
Bond quality	not relevant	EN 13986:2004+A1:2015
Internal bond after cyclic test	≥ 0,3 N/mm ²	EN 13986:2004+A1:2015
Thickness swelling after cyclic test	max. 1,5 %	EN 13986:2004+A1:2015
Moisture resistance	NPD	EN 13986:2004+A1:2015
Mechanical (duration of load and creep)	not relevant	EN 13986:2004+A1:2015

Essential characteristics	Performance	Harmonised technical specification
Biological	NPD	EN 13986:2004+A1:2015

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

This declaration replaces the declaration of performance of 12.12.2023.

Hranice 2025-03-10

Ing. Martin Klvač, director of the CETRIS division (signed in the original)

¹ Translator's note: the original states "Průzvučnost" (sound transmission), which is not a characteristic of EN 13986. Table ZA.1 of the standard has air permeability in this position. The term should be confirmed by the manufacturer.