

Declaration of Performance No. E3/2015

Unique identification code of the product-type: **CETRIS®** cement-bonded particleboard façade cladding system

Type: **CETRIS®** PLANK - screw-jointed system (Family E)

Intended use: The **CETRIS®** cement-bonded particleboard in all variants as a cladding element for façades, in vertical position, with or without cavity, with mineral insulation of minimum bulk density 60 kg/m³ and reaction to fire class A2-s1, d0, with support wooden grid.

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

System of AVCP : 2⁺

European Assessment Document: ETAG 034

European Technical Assessment: ETA 14/0196

Technical Assessment Body: Technický a zkušební ústav stavební Praha, s.p., Česká republika (Technical and Test Institute for Construction Prague, state enterprise, Czech Republic)

Notified body: 1020 - Technický a zkušební ústav stavební Praha, s.p., Česká republika

Declared performances:

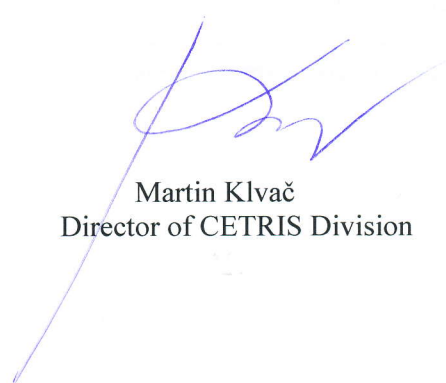
Basic characteristics	Characteristic			Harmonised technical specifications
Reaction to fire	A2-s1, d0			EN 13501-1:2007 + A1:2009
Wind uplift resistance	Maximum load Q - 3500 Pa.			ETAG 034
Wind load resistance	Equal to wind uplift resistance.			ETAG 034
Cladding element stretch resistance	Retaining rings - diameter (mm)	Fixing position	Average failure load F _{lm} (N)	ETAG 034
	180	Corner	276	ETAG 034
		Middle	974	
		Edge	706	
	270	Corner	310	
		Middle	906	
		Edge	485	
	350	Corner	452	
		Middle	976	
		Edge	506	

Slip resistance between cladding element and fixing	Fixing position		Average failure load F _{sm} (N)	ETAG 034
	Corner		2047	
	Edge		2088	
Horizontal point load resistance	Without visible permanent deformation.			ETAG 034
Impact resistance	NPD			ETAG 034
Resistance to seismic actions	NPD			ETAG 034
Hygrothermal behaviour	NPD			ETAG 034
Protection against noise	NPD			ETAG 034
Energy economy and heat retention	Irrelevant.			ETAG 034
Sustainable use of natural resources	Irrelevant.			ETAG 034
Pulsating load	NPD			ETAG 034
Dimensional stability of external cladding element	NPD			ETAG 034
Immersion in water	NPD			ETAG 034
Freeze-thaw resistance	Number of cycles	50	100	ETAG 034 EN 1328
	Frost resistance - R _L	0.99	0.97	
Chemical and biological resistance	NPD			ETAG 034
Corrosion	NPD			ETAG 034
UV radiation	Irrelevant.			ETAG 034

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

This declaration of performance complies with Regulation (EU) No. 305/2011 issued on the exclusive liability of the above-stated manufacturer.

Hranice 2014-09-01


Martin Klvač
Director of CETRIS Division