

Declaration of Performance No. E1/2015

Unique identification code of the product-type:	CETRIS® cement-bonded particleboard façade cladding system
Type:	CETRIS® VARIO – riveted system (Family A)
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/m ³ and reaction to fire class A2-s1, d0, with support aluminium or galvanised 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 specification
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 _{tm} (N)	ETAG 034
	180	Corner	237	
		Middle	1203	
		Edge	648	
	270	Corner	557	
		Middle	1098	
		Edge	637	
	350	Corner	486	
		Middle	1053	
Edge		706		

Slip resistance between cladding element and fixing	Fixing position		Average failure load F_{Sm} (N)	ETAG 034
	Corner		1906	
	Edge		1750	
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_f	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