



Declaration of Performance - DoP

No. 90-v6_U1-PLUS-2-UK

1. Product type:

Unitised Curtain Wall

2. Type, batch or serial number:

Hansen UnitAl, v6_U1 +, thermally broken aluminium profiles

3. Intended use of the product:

Curtain walling kit as external wall for buildings

4. Name and contact adress of the manufacturer:

HSHansen a/s
Bredgade 4, 6940 Lem
Danmark

5. Where applicable, name and contact adress of the authorised representative whoose mandate covers the tasks specified in Article 12(2):

n/a

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR Annex V:

n/a

7. Product standard and notified body:

EN 13830:2003

Curtain walling – Product standard

Danish Technological Institute, Denmark, no. 1235

has conducted

Test of resistance to wind load, impact resistance, water tightness and air permeability
according to AVCP

System 3, ITT and ITC

and issued:

Test report no. 0301/454328 R1 – Test of resistance to wind load, water tightness and air
permeability

8. Declared performance

Essential characteristic	Normative references	Performance	Harmonised technical specification
Reaction to fire	EN 13501-1	npd	EN 13830:2015
Fire resistance	EN 13501-2 & EN 1364-4	npd	
Fire propagation	EN 13501-2 & EN 1364-4	npd	
Watertightness	EN 12154	RE 1200	
Dead load resistance	-	npd	
Wind load resistance	EN 13116	1,6 kN/m ² and 6,1 mm (deflection ≤ L/200, here 2700/200 ⇒ max. 13,5 mm)	
Snow load resistance	-	npd	
Impact resistance: - internal - external	EN 14019	I5 E5	
Horizontal live load resistance	-	npd	
Seismic resistance	-	npd	
Direct airborne sound insulation	EN ISO 717-1	npd	
Flanking sound insulation	EN ISO 717-1	npd	
Thermal transmittance	EN 12631	U _{cw} = 0,72 W/m ² K (1,200 x 2,500 mm)	
Air permeability	EN 12152	AE 1200	
Solar factor	EN 410:2011	g = 0.37	
Light transmittance, LT	EN 410:2011	τ _v = 57,6 %	
Durability of water tightness	-	npd	
Durability of thermal transmittance	-	npd	
Durability of air permeability	-	npd	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer

CTO Simon Smidt Kristensen



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Lem d. 5/5 2017