

Declaration of Performance							
Reference number H-CPR-002-01-07-2024							
Sandwichpanel made of PIR insulation and metal facings, type 1150-WV							
1150-WV-SW							
Self-supporting internal and external wall cladding and ceiling finishes and roof coverings according to EN 14509:2013							
H. Hardeman BV Handels- en Constructiebedrijf PO Box 376 3900 AJ Veenendaal The Netherlands <i>or his authorized representative in the EU</i>							
The notified body NB 1640 has done the initial type testing of the product according to system 3 and issued a report to the initial type testing of the product. Factory production control system of assessment and verification of constancy or performance system 4							
Declared performance							
Essential requirement:	Performance:						Harmonised technical specification:
Thickness (mm)	40	60	80	100	140	200	
Thermal transmittance (W/m²K)	0,7	0,37	0,27	0,22	0,15	0,11	EN 14509, EN 13165
Mass (kg/m²)	10,1	10,94	11,78	12,62	14,26	16,66	EN 14509
Reaction to fire (Euroclass)	B,s2,d0						EN 13501-1
Fire resistance E	-	-	-	-	-	-	
Fire resistance EI	-	-	-	-	-	-	
Fire resistance EW	-	60	60	120	120	120	EN 1364-1
Water permeability	Class A						EN 14509
Air permeability	NDP						EN 14509
Water vapour permeability	Impermeable						EN 14509
Airborne sound insulation	NDP						EN 14509
Durability	Z275/AZ150/ZMA120						EN 10346
Creep Coefficient t=2.000h	1,00						EN 14509
Creep Coefficient t=10.000h	NDP						EN 14509
Density (kg/m3)	34-44						EN 14509
Tensile strength (MPa)	>0,056						EN 14509
Compressive strength (MPa)	>0,105						EN 14509
Shear modulus (Mpa)	>1,19						EN 14509
Internal steel gauge (mm)	>0,38						EN 10346
External steel gauge (mm)	>0,53						EN 10346
Internal coatings (mm)	Polyester, PVC, PU, Aluzink						EN 10169
External coatings	Polyester, PVC, PU, Aluzink						EN 10169
Steel Grade (internal/external)	S280GD/S320GD						EN 10346
Bending capacity positive (kN)	6,59	8,41	10,23	12,06	13,88	15,52	EN 14509
Bending capacity negative (kN)	5,96	8,07	10,17	11,17	12,16	13,05	EN 14509
B.C. positive central support (kN)	5,38	5,63	5,88	6,12	6,37	6,60	EN 14509
B.C. negative central support (kN)	3,12	3,66	4,19	4,73	5,26	5,74	EN 14509
The performance of the product as described above is in conformity with the declared performances This declaration of performance is issued under the sole responsibility of the manufacturer stated in point 2 Signed on behalf of the manufacturer and in the name of the manufacturer							
General manager, 		Veenendaal, 01-07-2024			Signature: 		



1640

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3900 AJ Veenendaal
The Netherlands
or his authorized representative in the EU

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Reference number: H-CPR-002-01-07-2014
EN 14509: 2013

Self-supporting internal and external wall cladding and ceiling finishes and roof coverings
Profiled sandwichpanel made of PIR insulation and metal facings, type 1150-WV-SW

Thickness: 40mm to 200mm

Reaction to fire: B,s2,d0

External fire performance in roof application: Class B-roof (t1), B-roof(t2) and B-roof(t3)



Related DoP:

<https://systeembouw.hardeman.nl/downloads/>

Type and reference number:

1150-WV-SW and H-CPR-002-01-07-2024

Toelichting grondslagen

In dit document kunt u secties vinden die onleesbaar zijn gemaakt. Deze informatie is achterwege gelaten op basis van de Wet open overheid (Woo). De letter die hierbij is vermeld correspondeert met de bijbehorende grondslag in onderstaand overzicht.

J Art. 5.1 lid 2 sub e

Het belang van de openbaarmaking van deze informatie weegt niet op tegen het belang van de eerbiediging van de persoonlijke levenssfeer van betrokkenen