PLASTEUROP
Vos ambiances sont maîtrisées

Declaration of performance CE

DoP n° : 562053

1. Unique identification of the proudct

MW 10 OPTIMA

Index **e**

2. Product number

562053

3. Intended use of the product according to **EN 14509**

Internal wall and ceiling

4. Manufacturer identification

PANELCO SAS
Route de Chaveyriat
B.P. 10
01540 Vonnas

5. Attestation of conformity system

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6. The notified body

CSTB n°0679
realized reaction to fire tests and delivered the reaction to fire classification report
RA13-0084

7. Declared performance

Essential characteristics and performance			European Standard
Panel and faces	Thickness of panel	100 mm	EN 14509
	Thickness of external face	0.6 mm	
	Thickness of internal face	0.6 mm	
	Mass of the product	23.04 kg/m2	
Steel	Tensile strength of external face	S320GD	
	Tensile strength of internal face	S320GD	
Core	Core	Mineral wool	
	Density of core material	130 kg/m3	
Durability	Durability	Pass	
Mechanical resistance	Cross panel tensile strength	0.02 MPa	
	Shear strength	0.03 MPa	
	Shear modulus	3.2 MPa	
	Shear strength after long-term loading (100 000 h)	0.012 MPa	
	Compressive strength	0.05 MPa	
	Creap coefficient t= 2000 h	0.65	
	Creap coefficient t= 100 000 h	0.74	
	Bending moment capacity (+) in span	3.324 kN.m/m	
	Bending moment capacity (+) in span - high temperature	-	
	Bending moment capacity (-) in span	3.324 kN.m/m	
	Bending moment capacity (-) in span - high temperature	-	
	Bending moment capacity (+) over a central support	2.819 kN.m/m	
	Bending moment capacity (+) over a central support - high temperature	-	
	Bending moment capacity (-) over a central support	3.508 kN.m/m	
	Bending moment capacity (-) over a central support - high temperature	-	
	Wrinkling strength of the external face in span	60.8 MPa	
	Wrinkling strength of the external face in span - high temperature	-	
	Wrinkling strength of the external face over a central support	64.5 MPa	
	Wrinkling strength of the external face over a central support - high temperature	-	
	Wrinkling strength of the internal face in span	60.8 MPa	
	Wrinkling strength of the internal face over a central support	60.3 MPa	
	Acessibility	a	
Thermal insulation performance	Thermal conductivity of the core	0.041 W/(m.K)	
	Thermal transmittance	0.388 W/(m2.K)	
Fire	Reaction to fire	A2-s1-d0	Report n° RA13-0084
	Fire resistance	NPD	EN 14509
Permeability	Air permeability	NPD	
	Water permeability	NPD	
	Water vapour permeability	NPD	
Acoustic	Airborne sound insulation	NPD	
	Sound absorption	NPD	
Dimensionnal tolerances	Dimensionnal tolerances	NPD	
Environnement	Substances of very high concern according to REACH	No	REACH
	Regulated hazardous substances emission	(a)	EN 14509

(a) Faces in contact with the interior air shall not emit regulated hazardous substances exceeding the maximum permitted levels specified in the European or national regulations. European test methods are being developed. An informative database of European and national provisions relating to controlled substances can be found on the EUROPA website, accessible at the following address:

http://ec.europa.eu/enterprise/construction/internal/dangsub/dangmain_en.htm

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

Vonnas, 29/07/2016

Mr. Bruno Curial

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