



## DECLARATION OF PERFORMANCE

NO 1371

24



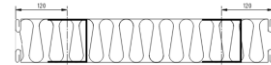
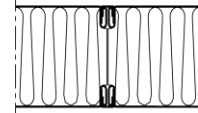
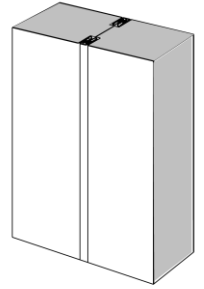
Unique identification code of product-type: PA33CL100R2

Application: Sandwich panels with mineral wool core and sheet metal surface;  
exterior walls, partitions, suspended ceilings

Manufacturer name: Isolamin Sweden AB, Industrivägen 5, SE-95632 Överkalix

System: 3

Harmonized standard: EN 14509:2013

SP Swedish Testing and Research Institute No. 1002 report 0402-CPD-P605003B  
DBI Danish Institute of Fire and Security Technology nr 0845 rapport PC 10044  
Akoustic group Luleå Technical University rapport 961015-01

Panel	33CL100R1
Thickness	100 mm
Weight	29,8 kg/m <sup>2</sup>
Standard widths	565, 1180 mm
U-value	0.47 W/m <sup>2</sup> K

Essential characteristics	Performance	Harmonized technical specification
Tensile strength	NPD	EN 14509:2013
Shear strength	NPD	EN 14509:2013
Sliding Module	NPD	EN 14509:2013
Compressive	NPD	EN 14509:2013
Bending resistance	NPD	EN 14509:2013
Reaction to fire	A2-s1-d0	EN 13501-1:2007
Fire resistance	EI60	EN 13501-2:203
Fire protection capability	NPD	EN 14509:2013
Thermal resistance	1.96 m <sup>2</sup> K/W	EN 14509:2013
Permeability of water	NPD	EN 12865
Air permeability	NPD	EN 11214
Vapor permeability	NPD	EN 14509:2013
Airborne sound insulation	34 Rw	ISO 140-3:95
Sound absorption	NPD	EN ISO 11654
Dimensional stability	PASS	EN 14509:2013
Durability	PASS	EN 14509:2013

Tolerance	Core material	Surface material
Length: ± 5 mm Width: ± 1 mm Thickness: +0/-1 mm Perpendicularity: 1 mm/m Surface roughness: +0/-0.35 mm	Material: Mineral wool Density: 180 kg/m <sup>3</sup> ±10%	Material: Hot dip galvanized steel sheet Thickness: 0.7/0.7mm

Signed on behalf of the manufacturer:  
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Isolamin Sweden AB  
R&D Technician / Project coordinator