



## DECLARATION OF PERFORMANCE

NO 1362

24



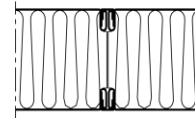
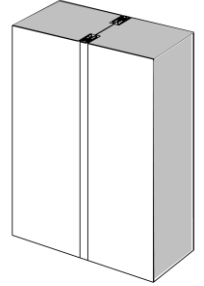
Unique identifier of the product type: PA33CES50

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

Harmonised standard: EN 14509:2013



Panel	33CES50
Thickness	50 mm
Weight	16,9 kg/m <sup>2</sup>
Standard widths	565, 1180 mm
U-value	0.81 W/m <sup>2</sup> K

Essential characteristics	Performance	Harmonised 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	NPD	EN 13501-1:2007
Fire resistance	NPD	EN 13501-2:2016
Fire protection capability	NPD	EN 14509:2013
Thermal resistance	1.07 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
Air light insulation	NPD	ISO 354:2003
Sound absorption	NPD	EN ISO 11654
Dimensional stability	PASS	EN 14509:2013
Durability	PASS	EN 14509:2013

Tolerans	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: 120 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