



DECLARATION OF PERFORMANCE

NO 1304

24



Unique identifier of the product type: PA33CL50

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

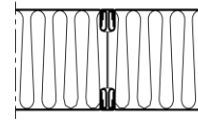
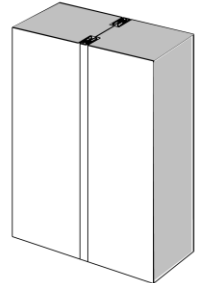
System: 3

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 14095 rapport PCA10104

SP Swedish Testing and Research Institute No. 1002 report P605204



Panel	33CL50
Thickness	50 mm
Weight	20,8 kg/m ²
Standard widths	565, 1180 mm
U-value	0.89 W/m ² K

Essential characteristics	Performance	Harmonized technical specification
Tensile strength	NPD	EN 14509:2013
Share 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	EI20/E120	EN 13501-2:2007
Fire protection capability	NPD	EN 14509:2013
Thermal resistance	0.96 m ² 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 dB Rw	AND ISO 140-3:95 p.m.
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 Densitet: 180kg/m ³ ±10%	Material: Hot dip galvanized steel sheet Thickness: Galv, PVC, Painted 0.7 mm

Signed on behalf of the manufacturer:

Överkalix 2024-03-04

Michael Ottesen Fossen

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Isolamin Sweden AB

R&D Technician / Project coordinator