



DECLARATION OF PERFORMANCE

NO 1380

24



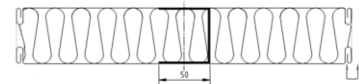
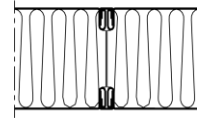
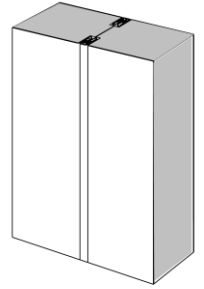
Product type unique identifier: PA33CL80R1

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 nr 961016-01

Panel	33CL80R1
Thickness	80 mm
Weight	26,3 kg/m ²
Standard widths	565, 1180 mm
U-value	0.58 W/m ² 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 13501-2:2003
Fire protection capability	NPD	EN 14509:2013
Thermal resistance	1.56 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	33 Rw	ISO 140-3:95
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: 180 kg/m ³ ±10%	Material: Hot dip galvanized steel sheet Thickness: 0.7/0.7mm

Signed on behalf of the manufacturer:
Överkalix 2024-03-04*Michael Ottesen Fossen*Michael Ottesen Fossen
Isolamin Sweden AB
R&D Technician / Project coordinator