

DECLARATION OF PERFORMANCE

NO 1438

24

Unique identifier of the product type: PA39P100P

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

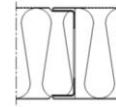
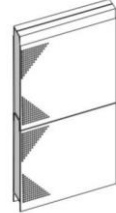
System: 3

Harmonized standard:-

SP Swedish Testing and Research Institute No. 1002 report 0402-CPD-P605003B

SP Swedish Testing and Research Institute report 99R1 3227 B

Vibroacoustic Sverige AB rapport PA39P100P



Panel	39P100P
Thickness	100 mm
Weight	30,8 kg/m ²
Standard widths	565, 1180 mm
U-value	0.47 W/m ² 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	A2-s1-d0	EN 13501-1:2007
Fire resistance	EI60	EN 13501-2:2007
Fire protection capability	NPD	EN 14509:2013
Thermal resistance	1.96 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	39 Rw	EN ISO 717-1
Sound absorption	Class A	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: 1 mm / 0,7 mm perf. Perforating: 23%

Signed on behalf of the manufacturer:

Överkalix 2024-03-04



Michael Ottesen Fossen

Isolamin Sweden AB

R&D Technician / Project coordinator