



## DECLARATION OF PERFORMANCE

NO 1412

24



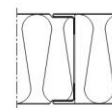
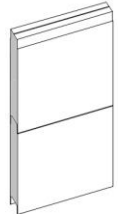
Product type unique identifier: PA33PM80

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



Panel	33PM80
Thickness	<b>80 mm</b>
Weight	<b>18,1 kg/m<sup>2</sup></b>
Standard widths	<b>565, 1180 mm</b>
U-value	<b>0.49 W/m<sup>2</sup>K</b>

Essential characteristics	Performance	Harmonized technical specification
Tensile strength	<b>NPD</b>	EN 14509:2013
Shear strength	<b>NPD</b>	EN 14509:2013
Sliding Module	<b>NPD</b>	EN 14509:2013
Compressive	<b>NPD</b>	EN 14509:2013
Bending resistance	<b>NPD</b>	EN 14509:2013
Reaction to fire	<b>NPD</b>	EN 13501-1:2007
Fire resistance	<b>NPD</b>	EN 13501-2:2007
Fire protection capability	<b>NPD</b>	EN 14509:2013
Thermal resistance	<b>1.9 m<sup>2</sup> K/W</b>	EN 14509:2013
Permeability of water	<b>NPD</b>	EN 12865
Air permeability	<b>NPD</b>	EN 11214
Vapor permeability	<b>NPD</b>	EN 14509:2013
Airborne sound insulation	<b>NPD</b>	EN ISO 717-1
Sound absorption	<b>NPD</b>	EN ISO 11654
Dimensional stability	<b>PASS</b>	EN 14509:2013
Durability	<b>PASS</b>	EN 14509:2013

Tolerans	Core material	Surface material
Length: $\pm 5$ mm Width: $\pm 1$ mm Thickness: +0/-1 mm Perpendicularity: 1 mm/m Surface roughness: +0/-0.35 mm	Material: Mineral wool Density: 80 kg/m <sup>3</sup> $\pm 10\%$	Material: Hot dip galvanized steel sheet Thickness: 0.7 mm

Signed on behalf of the manufacturer:

Överkalix 2024-03-04

Michael Ottesen Fossen  
Isolamin Sweden AB  
R&D Technician / Project coordinator