

## DECLARATION OF PERFORMANCE

NO 1399

24

Product type unique identifier: PA33P50P

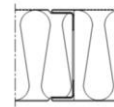
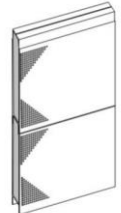
Application: Sandwich panels with mineral wool core and sheet metal surface;  
exterior walls, partitions, suspended ceilings

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



|                 |                         |
|-----------------|-------------------------|
| Panel           | 33P50P                  |
| Thickness       | 50 mm                   |
| Weight          | 19,5 kg/m <sup>2</sup>  |
| Standard widths | 565, 1180 mm            |
| U-value         | 0.89 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           | A2-s1-d0                | EN 13501-1:2007                    |
| Fire resistance            | NPD                     | EN 13501-2:2007                    |
| Fire protection capability | NPD                     | EN 14509:2013                      |
| Thermal resistance         | 0.96 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                      |
| Airborne sound insulation  | NPD                     | EN ISO 717-1                       |
| 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<br>Thickness: +0/-1 mm<br>Perpendicularity: 1 mm/m<br>Surface roughness: +0/-0.35 mm | Material: Mineral wool<br>Density: 180 kg/m <sup>3</sup> ±10% | Material: Hot dip galvanized steel sheet<br>Thickness: 0.7 mm<br>Perforering: 23% |

Signed on behalf of the manufacturer:  
Överkalix 2024-03-04


Michael Ottesen Fossen

Isolamin Sweden AB  
R&D Technician / Project coordinator