



## DECLARATION OF PERFORMANCE

NO 1389

24



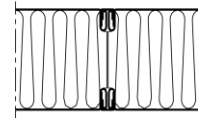
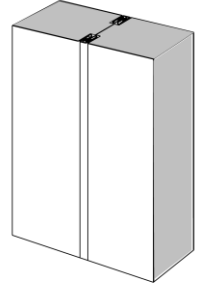
Unique identifier of the product type: PA33CLS150

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

Harmonised standard: EN 14509:2013



|                 |                         |
|-----------------|-------------------------|
| Panel           | 33CLS150                |
| Thickness       | 150 mm                  |
| Weight          | 23.2 kg/m <sup>2</sup>  |
| Standard widths | 565, 1180 mm            |
| U-value         | 0.27 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           | NPD                    | EN 13501-1:2007                    |
| Fire resistance            | NPD                    | EN 13501-2:2016                    |
| Fire protection capability | NPD                    | EN 14509:2013                      |
| Thermal resistance         | 3.6 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                    | ISO 354:2003                       |
| 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<br>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: 80 kg/m <sup>3</sup> ±10% | Material: Hot dip galvanized steel sheet<br>Thickness: 0.7/0.7mm |

Signed on behalf of the manufacturer:

Överkalix 2024-03-04

*Michael Ottesen Fossen*

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Isolamin Sweden AB

R&amp;D Technician / Project coordinator