



DECLARATION OF PERFORMANCE

NO 1308

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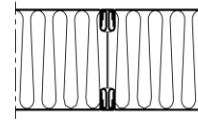
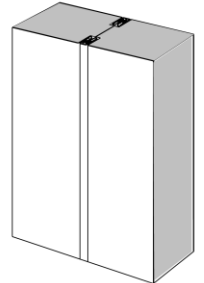
Product type unique identifier: PA33CL100

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 961015-01

| Panel | 33CL100 |
|-----------------|------------------------------|
| Thickness | 100 mm |
| Weight | 29,2 kg/m² |
| Standard widths | 565, 1180 mm |
| U-value | 0.47 W/m²K |

| 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 | EI160 | EN 13501-2:2003 |
| Fire protection capability | NPD | EN 14509:2013 |
| Thermal resistance | 1.96 m² K/W | EN 14509:2013 |
| Permeability of water | NPD | EN 12865 |
| Air permeability | NPD | EN 11214 |
| Vapor permeability | NPD | EN 14509:2013 |
| Air light insulation | 34 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 Densitet: 180 kg/m ³ ±10% | Material: Hot dip galvanized steel sheet Thickness: Galv, PVC, Painted 0.7 mm |

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