

**Declaration of Performance**

No. LP90-CPR-2024/02/15

1. *Unique identification code of the product type:*  
Lindab Panel rock wool **BASE**
2. *Type-, batch- or serial number or any other allowing identification of the construction product as required pursuant to Article 11.4:*

- **Thickness and Weight of Lindab Panel BASE**

<b>Nominal Thickness</b>	<b>Actual Thickness</b>	<b>Weight</b>
70 mm	68 mm	16 kg/m <sup>2</sup>
100 mm	97 mm	18 kg/m <sup>2</sup>
120 mm	117 mm	20 kg/m <sup>2</sup>
150 mm	148 mm	23 kg/m <sup>2</sup>
200 mm	197 mm	27 kg/m <sup>2</sup>
240 mm	237 mm	31 kg/m <sup>2</sup>
300 mm	297 mm	36 kg/m <sup>2</sup>

- Core material: Rock wool
- Density: 90 kg/m<sup>2</sup>
- Steel Thickness: 0,5 mm / 0,6 mm / 0,7 mm
- Coating system: PE / HBP / HBPM / PVDF

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*
  - Lindab Panel BASE is intended to be a Fire partitioning wall, external and internal wall or ceiling
4. *Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):*
  - Lindab Profil AB, Svartöns industriområde, 971 88 Luleå Sweden
5. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
  - System 3 for all characteristics
6. *In case of the declaration of performance conserving a construction product covered by a harmonized standard:*
  - RISE(SP) Research Institutes of Sweden, nr 0402, performed tests regarding Reaction to Fire, Fire Resistance, Water permeability, Air permeability and Durability.
  - RISE(SP) Research Institutes of Sweden, nr 0402, performed Test reports, Performance reports and Classification reports according to system 3.

## 7. Declared performance:

Essential characteristics	Performance Lindab Panel BASE	Harmonized technical specification
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Thermal transmittance	Thickness	W/m <sup>2</sup> K	EN 14509:2013
	70 mm	0,56	
	100 mm	0,40	
	120 mm	0,33	
	150 mm	0,27	
	200 mm	0,20	
	240 mm	0,17	
	300 mm	0,14	

Mechanical resistance	BASE panels	EN 14509:2013
Tensile strength	70 kPa (=7 ton/m <sup>2</sup> )	
Shear strength	0,05 MPa	
Shear modulus	4,0 MPa	
Compression strength	0,06 MPa	
Wrinkling stress, span	100 MPa	
Wrinkling stress, span 240mm	95 MPa	
Wrinkling stress, span 300mm	90 MPa	
Creep coefficient t=2000h	0,18	
Creep coefficient t=100 000h	0,22	

Fire performance	BASE panels	EN 14509:2013	
Reaction to fire (Euroclass)	A2-s1,d0		
Fire resistance Wall	Thick-ness	Resistance	Max. span Horizontal / Standing
	70 mm	NPD	-- / --
	100 mm	EI30	7,5 m / 7,5 m
	120 mm	EI60	7,5 m / 7,5 m
	120 mm	EI90	-- / 7,5 m
	120 mm	EI120	-- / 3,0 m
	150 mm	EI60*	-- / 8,8 m
	150 mm	EI90	3,0 m / 7,5 m
	150 mm	EI60	7,5 m / 7,5 m
	200 mm	EI60	7,5 m / 7,5 m
	240 mm	EI60	7,5 m / 7,5 m
	300 mm	EI60	7,5 m / 7,5 m

\* With fire-reinforced joint

Permeability	BASE panels	EN 14509:2013
Water permeability	Klass A (1200 Pa)	
- Horizontal installation	Klass A (1200 Pa)	
- Vertical installation		
Air permeability (50 Pa)		
- Horizontal installation	0,5 m <sup>3</sup> /m <sup>2</sup> /h (0,14 l/m <sup>2</sup> /s)	
- Vertical installation	0,8 m <sup>3</sup> /m <sup>2</sup> /h (0,23 l/m <sup>2</sup> /s)	
Water vapor permeability	NPD	

<b>Sound performance</b>	<b>BASE panels</b>	<b>EN 14509:2013</b>
Sound reduction $R_w$	32 dB (Thk.=100 mm) 29 dB (Thk.=175 mm)	

Thk.=Panel thickness

<b>Dimensional variation</b>	<b>Passed</b>	<b>EN 14509:2013</b>
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<b>Durability over time</b>	<b>Passed</b>	<b>EN 14509:2013</b>
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8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Vidar Hammersland

Product Manager, Lindab Profil AB

Luleå 2024-02-15

**Declaration of Performance**

No. LP75-CPR-2024/02/15

1. *Unique identification code of the product type:*  
**Lindab Panel rock wool LIGHT**
2. *Type-, batch- or serial number or any other allowing identification of the construction product as required pursuant to Article 11.4:*
  - **Thickness and Weight of Lindab Panel LIGHT**

<b>Nominal Thickness</b>	<b>Actual Thickness</b>	<b>Weight</b>
70 mm	68 mm	14 kg/m <sup>2</sup>
100 mm	97 mm	16 kg/m <sup>2</sup>
120 mm	117 mm	18 kg/m <sup>2</sup>
150 mm	148 mm	20 kg/m <sup>2</sup>
200 mm	197 mm	24 kg/m <sup>2</sup>
240 mm	237 mm	27 kg/m <sup>2</sup>
300 mm	297 mm	31 kg/m <sup>2</sup>

- Core material: Rock wool
  - Density: 75 kg/m<sup>2</sup>
  - Steel Thickness: 0,5 mm / 0,6 mm / 0,7 mm
  - Coating system: PE / HBP / HBPM / PVDF
3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*
    - Lindab Panel LIGHT is intended to be a Fire partitioning wall, external and internal wall
  4. *Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):*
    - Lindab Profil AB, Svartöns industriområde, 971 88 Luleå Sweden
  5. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
    - System 3 for all characteristics
  6. *In case of the declaration of performance conserving a construction product covered by a harmonized standard:*
    - RISE(SP) Research Institutes of Sweden, nr 0402, performed tests regarding Reaction to Fire, Fire Resistance, Water permeability, Air permeability and Durability.
    - RISE(SP) Research Institutes of Sweden, nr 0402, performed Test reports, Performance reports and Classification reports according to system 3.

## 7. Declared performance:

Essential characteristics	Performance Lindab Panel LIGHT	Harmonized technical specification
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Thermal transmittance	Thickness	W/m <sup>2</sup> K	EN 14509:2013
	70 mm	0,53	
	100 mm	0,38	
	120 mm	0,32	
	150 mm	0,25	
	200 mm	0,19	
	240 mm	0,16	
	300 mm	0,13	

Mechanical resistance	LIGHT panels	EN 14509:2013
Tensile strength	0,06 MPa (=6 ton/m <sup>2</sup> )	
Shear strength	0,04 MPa	
Shear modulus	1,5 MPa	
Compression strength	0,05 MPa	
Wrinkling stress, span	80 MPa	
Wrinkling stress, span 240mm	75 MPa	
Wrinkling stress, span 300mm	70 MPa	
Creep coefficient t=2000h	NPD	
Creep coefficient t=100 000h	NPD	

Fire performance	LIGHT panels		EN 14509:2013
Reaction to fire (Euroclass)	A2-s1,d0		
Fire resistance Wall	Thick-ness	Resistance	Max. span Horizontal / Standing
	70 mm	NPD	-- / --
	100 mm	EI30	7,5 m / 7,5 m
	120 mm	EI30	7,5 m / 7,5 m
	150 mm	EI60*	7,5 m / --
	200 mm	EI60*	7,5 m / --
	240 mm	EI60*	7,5 m / --
	300 mm	EI60*	7,5 m / --

\* EI 90 max 3,0 meter

Permeability	LIGHT panels	EN 14509:2013
Water permeability		
- Horizontal installation	Class A (1200 Pa)	
- Vertical installation	Class A (1200 Pa)	
Air permeability (50 Pa)		
- Horizontal installation	0,5 m <sup>3</sup> /m <sup>2</sup> /h (0,14 l/m <sup>2</sup> /s)	
- Vertical installation	0,8 m <sup>3</sup> /m <sup>2</sup> /h (0,23 l/m <sup>2</sup> /s)	
Water vapor permeability	NPD	

<b>Sound performance</b>	LIGHT panels	EN 14509:2013
Sound reduction $R_w$	35 dB (Thk.=100 mm)	

Thk.=Panel thickness

<b>Dimensional variation</b>	Passed	EN 14509:2013
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<b>Durability over time</b>	Passed	EN 14509:2013
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8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Vidar Hammersland

Product Manager, Lindab Profil AB

Luleå 2024-02-15

**Declaration of Performance**

No. LP125-CPR-2024/02/15

1. *Unique identification code of the product type:*  
Lindab Panel rock wool **PLUS**
2. *Type-, batch- or serial number or any other allowing identification of the construction product as required pursuant to Article 11.4:*

- Thickness and Weight of Lindab Panel PLUS

Nominal Thickness	Actual Thickness	Weight
70 mm	68 mm	18 kg/m <sup>2</sup>
100 mm	97 mm	21 kg/m <sup>2</sup>
120 mm	117 mm	24 kg/m <sup>2</sup>
150 mm	148 mm	28 kg/m <sup>2</sup>
200 mm	197 mm	34 kg/m <sup>2</sup>
240 mm	237 mm	39 kg/m <sup>2</sup>
300 mm	297 mm	46 kg/m <sup>2</sup>

- Core material: Rock wool
  - Density: 125 kg/m<sup>2</sup>
  - Steel Thickness: 0,5 mm / 0,6 mm / 0,7 mm
  - Coating system: PE / HBP / HBPM / PVDF
3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*
    - Lindab Panel PLUS is intended to be a Fire partitioning wall, external and internal wall or ceiling
  4. *Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):*
    - Lindab Profil AB, Svartöns industriområde, 971 88 Luleå Sweden
  5. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
    - System 3 for all characteristics
  6. *In case of the declaration of performance conserving a construction product covered by a harmonized standard:*
    - RISE(SP) Research Institutes of Sweden, nr 0402, performed tests regarding Reaction to Fire, Fire Resistance, Water permeability, Air permeability and Durability.
    - RISE(SP) Research Institutes of Sweden, nr 0402, performed Test reports, Performance reports and Classification reports according to system 3.

## 7. Declared performance:

Essential characteristics	Performance Lindab Panel PLUS	Harmonized technical specification
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Thermal transmittance	Thickness	W/m <sup>2</sup> K	EN 14509:2013
	70 mm	0,61	
	100 mm	0,43	
	120 mm	0,36	
	150 mm	0,29	
	200 mm	0,22	
	240 mm	0,18	
	300 mm	0,15	

Mechanical resistance	PLUS panels	EN 14509:2013
Tensile strength	150 kPa (=15 ton/m <sup>2</sup> )	
Shear strength	0,09 MPa	
Shear modulus	6,0 MPa	
Compression strength	0,12 MPa	
Wrinkling stress, span	130 MPa	
Wrinkling stress, span 240mm	125 MPa	
Wrinkling stress, span 300mm	120 MPa	
Creep coefficient t=2000h	0,18	
Creep coefficient t=100 000h	0,22	

Fire performance	PLUS panels		EN 14509:2013
Reaction to fire (Euroclass)	A2-s1,d0		
	Thick-ness	Resistance	Max. span Horizontal / Standing
Fire resistance Ceiling	120 mm	EI60*	4,4 m
Fire resistance Wall	70 mm	EI30*	4,0 m / --
	100 mm	EI30	7,5 m / 7,5 m
	100 mm	EI60*	4,0 m / --
	120 mm	EI60	7,5 m / 7,5 m
	120 mm	EI90	-- / 7,5 m
	120 mm	EI120	-- / 3,0 m
	150 mm	EI60*	-- / 8,8 m
	150 mm	EI180*	6,0 m / --
	150 mm	EI120*	7,5 m / --
	200 mm	EI120*	7,5 m / --
Fire Wall	240 mm	EI120*	7,5 m / --
	300 mm	EI120*	7,5 m / --
	200 mm	EI60-M	7,5 m / --
	200 mm	EI90-M	6,0 m / --
	240 mm	EI120-M	7,5 m / --
	300 mm	EI120-M	7,5 m / --

\* With fire-reinforced joint



<b>Permeability</b>	<b>PLUS panels</b>	<b>EN 14509:2013</b>
Water permeability	Klass A (1200 Pa) Klass A (1200 Pa) 0,5 m <sup>3</sup> /m <sup>2</sup> /h (0,14 l/m <sup>2</sup> /s) 0,8 m <sup>3</sup> /m <sup>2</sup> /h (0,23 l/m <sup>2</sup> /s) NPD	
- Horizontal installation		
- Vertical installation		
Air permeability (50 Pa)		
- Horizontal installation		
- Vertical installation		
Water vapor permeability		

<b>Sound performance</b>	<b>PLUS panels</b>	<b>EN 14509:2013</b>
Sound reduction R <sub>w</sub>	30 dB (Thk.=100 mm)	

Thk.=Panel thickness

<b>Dimensional variation</b>	<b>Passed</b>	<b>EN 14509:2013</b>

<b>Durability over time</b>	<b>Passed</b>	<b>EN 14509:2013</b>

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Vidar Hammersland

Product Manager, Lindab Profil AB

Luleå 2024-02-15