

# Lamella Straight 100

Create a straightforward appearance with Lamella straight 100 for ventilated steel and aluminium facade systems.

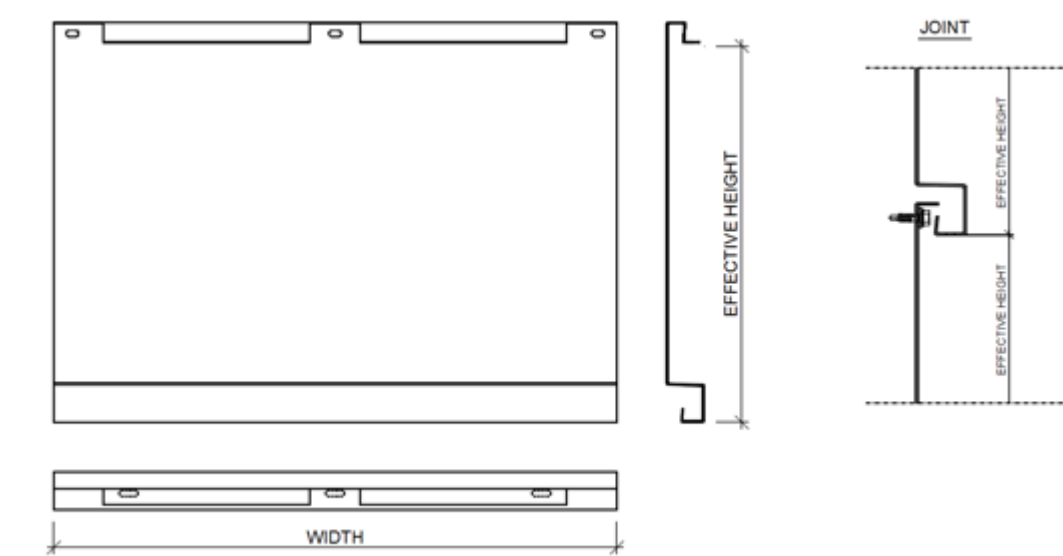
**Ruukki® Emotion**

Available also with perforation and backlighting.



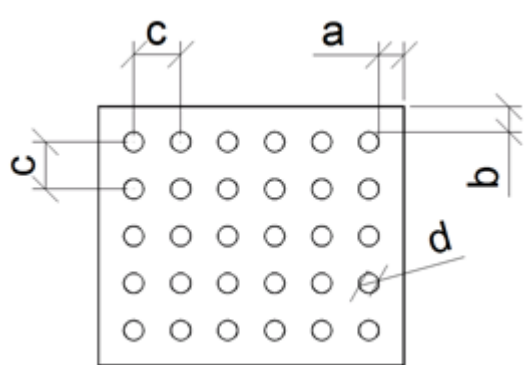
**SEND CONTACT REQUEST**

# Properties



|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Model name       | Lamella Straight 100                                             |
| Effective height | Cost and waste optimized 340 - 360 mm (min. 150 mm, max. 400 mm) |
| Width            | 150...3800 mm                                                    |
| Depth            | 30 mm                                                            |

## Perforation layout



| Dimension/hole | mm  |
|----------------|-----|
| a              | ≥10 |
| b              | ≥10 |

|   |                        |
|---|------------------------|
| c | ≥ d+25                 |
| d | 16, 20, 30, 40, 50, 60 |

Symmetrical perforation: Fully perforated in symmetrical square layout. Only 1 hole size (d) and distance (a, b, c) per product.

Art perforation: Fully or partly perforated in freely chosen locations. All hole sizes (d) and distances (c) available per product.

## Materials

| Material                           | Material thickness (mm) | Weight (kg/m <sup>2</sup> ) | Surface treatment                    | GWP A1-A3 (kg CO <sub>2</sub> equiv./m <sup>2</sup> ) | Available with perforation | Minimum order amount (m <sup>2</sup> )                    | Reaction to fire |
|------------------------------------|-------------------------|-----------------------------|--------------------------------------|-------------------------------------------------------|----------------------------|-----------------------------------------------------------|------------------|
| Steel                              | 1.2                     | 9.7                         | GreenCoat Pural BT (Satin, Metallic) | 30.2                                                  | No                         | Standard colours: No limitations<br>Extended colours: 900 | A1               |
|                                    | 1.2                     | 9.7                         | Powder coating                       | 30.2                                                  | Yes                        | 100                                                       | A2 - s1,d0       |
| Aluminium                          | 2.0                     | 5.6                         | Powder coating                       | 55.6                                                  | Yes                        | 250                                                       | -                |
|                                    | 2.0                     | 5.6                         | PVDF coating                         | 37.3                                                  | Yes                        | 250                                                       | -                |
|                                    | 1.5                     | 4.2                         | Powder coating                       | 41.7                                                  | Yes                        | 250                                                       | -                |
|                                    | 1.5                     | 4.2                         | PVDF coating                         | 28.0                                                  | Yes                        | 350                                                       | -                |
| Rheinzink                          | 1.0                     | 7.4                         | Pre-patinated (no coating)           | 35.1                                                  | Limited                    | 100                                                       | A1               |
| Copper - Nordic Standard           | 1.5                     | 13.9                        | Pre-patinated (no coating)           | 9.97                                                  | Limited                    | 60                                                        | A1               |
|                                    | 1.0                     | 9.3                         | Pre-patinated (no coating)           | 6.67                                                  | Limited                    | 60                                                        | A1               |
| Copper - Nordic Green, Blue, Brown | 1.5                     |                             | Pre-patinated (no coating)           | 10.9                                                  | Limited                    | 60                                                        | A1               |
|                                    | 1.0                     | 9.3                         | Pre-patinated (no coating)           | 7.31                                                  | Limited                    | 60                                                        | A1               |

|                              |     |      |                               |      |         |     |    |
|------------------------------|-----|------|-------------------------------|------|---------|-----|----|
| Brass -<br>Nordic<br>Brass   | 1.5 | 13.5 | Pre-patinated<br>(no coating) | 24.5 | Limited | 60  | A1 |
|                              | 1.0 | 9.0  | Pre-patinated<br>(no coating) | 16.3 | Limited | 60  | A1 |
| Bronze -<br>Nordic<br>Bronze | 1.5 | 13.5 | Pre-patinated<br>(no coating) | 14.0 | Limited | 60  | A1 |
|                              | 1.0 | 9.0  | Pre-patinated<br>(no coating) | 9.32 | Limited | 60  | A1 |
| Bronze -<br>Nordic<br>Royal  | 1.5 | 13.5 | Pre-patinated<br>(no coating) | 32.4 | Limited | 60  | A1 |
|                              | 1.0 | 9.0  | Pre-patinated<br>(no coating) | 21.6 | Limited | 60  | A1 |
| Stainless<br>steel           | 1.0 | 8.2  | Smooth (2B)                   | 32.8 | Limited | 125 | A1 |
|                              | 1.0 | 8.2  | Wet grinded<br>(4N)           | 32.8 | Limited | 125 | A1 |

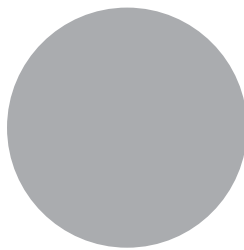
## Coatings and colors

### GreenCoat Pural BT (Standard colours)

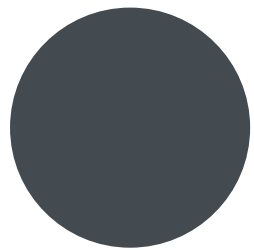
Gloss level: 20 GU (Satin) / 40 GU (Metallic)



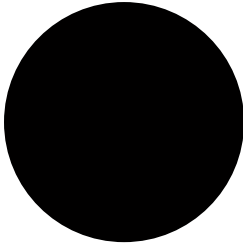
RR20 Winter white



RR21 Pebble grey



RR23 Mountain grey



RR33 Nordic night black



RR40 Metallic silver



RR41 Metallic dark silver



RR42 Metallic gold



RR45 Metallic titanium



RR979 Metallic copper

## Extended colours

- [GreenCoat Pural BT \(steel\)](#)
- [PVDF \(aluminium\)](#)
- [Powder paint \(steel\)](#)
- [Powder paint \(aluminium\)](#)

## BIM objects



### Download BIM objects to your desktop

ProLib brings Ruukki products as BIM models directly to your desktop in 3D form for design programs AutoCad, Autodesk Revit, Archicad and Tekla Structures. Product libraries compile all necessary design models and detailed drawings in one place. Library updates are automatically notified, so as a user you can be sure that your product information is consistently up to date. ProLib can also be used as a standalone desktop application.

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# Download documents

## Declaration of performance



### **Declaration of Performance 25/PP/PAR - Cladding products**

PDF, 43.7 KB

## Order form



### **Ruukki cladding lamellas order form 2.4.5**

XLSM, 1.1 MB

## Maintenance instructions



### **Ruukki Cor-Ten facades - maintenance instructions**

PDF, 70.3 KB



### **Ruukki powder coated facade claddings - Maintenance instructions**

PDF, 0.6 MB



### **Ruukki colour coated steel - Maintenance instructions**

PDF, 0.6 MB

## Accessory documents



### **Facade cladding accessories 02\_2025 ENG**

PDF, 4.1 MB

# References



## MAX IV office building

MAX IV is the next-generation synchrotron radiation facility in Lund, Sweden.

[See all cladding lamella references](#)