Liberta Original 102

Create a genuine and distinct layout with the Liberta Original 102 rainscreen panel for ventilated steel and aluminium facade systems.

Ruukki® Emotion
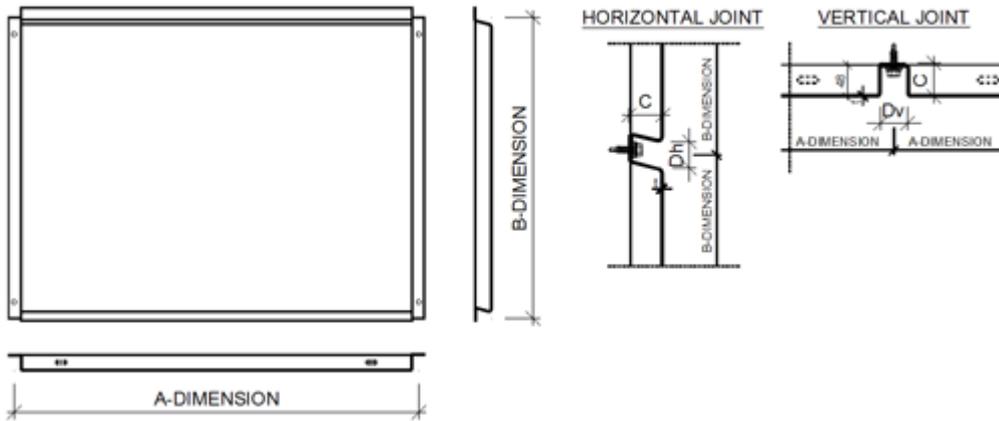Also available with perforation and backlighting.

This product is optionally available with following sustainable features:

- Steel facings made of recycled steel (SSAB Zero) for significantly lower CO_2 emissions and high circularity (Ruukki LowCarbon)
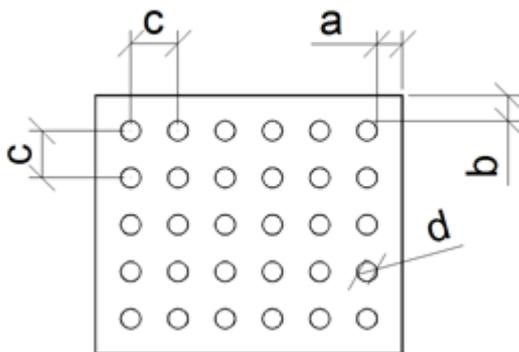

SEND CONTACT REQUEST

Properties

Model name	Liberta Original 102
Depth	20, 25, 30 mm
Horizontal joint	20, 25, 30 mm
Vertical joint	20, 25, 30 mm
Fastening Style	Visible

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.

Size table
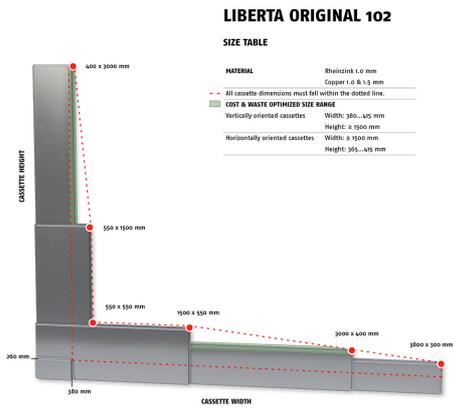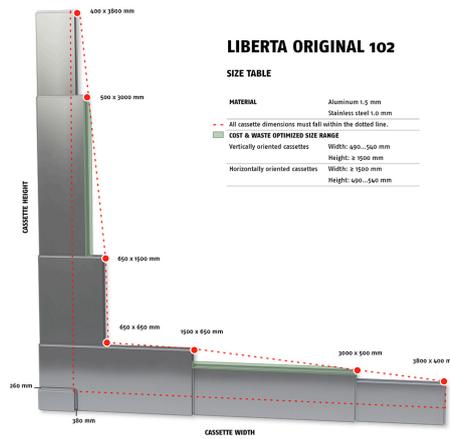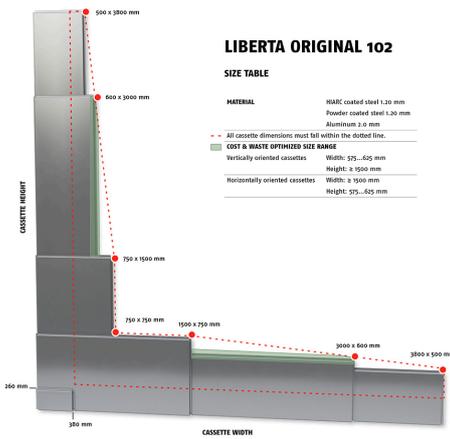
Click on the picture to see full resolution.

Material:

- HIARC coated steel 1.2 mm

- Powder coated steel 1.2 mm

- Aluminum 2.0 mm

Material:

- Aluminum 1.5 mm

- Stainless steel 1.0 mm

Material:

- Rheinzink 1.0 mm

- Copper 1.0 mm

- Copper 1.5 mm

Materials

Material	Material thickness (mm)	Weight (kg/m^2)	Surface treatment	GWP A1-A3 (kg CO_2 equiv./m^2)	Available with perforation	Minimum order amount (m^2)	Reaction to fire

Zero Steel (LowCarbon)	1.2	11.4	GreenCoat Pural BT (Satin, Metallic)	~14.5 (estimation) *	No	900 (limited availability)	A1
Steel	1.2	11.4	GreenCoat Pural BT (Satin, Metallic)	35.5	No	Standard colours: No limitations Extended colours: 900	A1
	1.2	11.4	Powder coating	35.5	Yes	100	A2 - s1, d0
Aluminium	2.0	6.5	Powder coating	64.5	Yes	250	-
	2.0	6.5	PVDF coating	43.3	yes	250	-
	1.5	4.9	Powder coating	48.6	Yes	250	-
	1.5	4.9	PVDF coating	32.7	Yes	350	-
Rheinzink	1.0	8.7	Pre-patinated (no coating)	41.3	Limited	100	A1
Copper - Nordic Standard	1.5	16.2	Pre-patinated (no coating)	11.6	Limited	60	A1
	1.0	10.8	Pre-patinated (no coating)	7.74	Limited	60	A1
Copper - Nordic Green, Blue or Brown	1.5	16.2	Pre-patinated (no coating)	12.7	Limited	60	A1
	1.0	10.8	Pre-patinated (no coating)	8.49	Limited	60	A1
Brass - Nordic Brass	1.5	15.7	Pre-patinated (no coating)	28.5	Limited	60	A1
	1.0	10.5	Pre-patinated (no coating)	19.0	Limited	60	A1
Bronze - Nordic Bronze	1.5	15.7	Pre-patinated (no coating)	16.3	Limited	60	A1
	1.0	10.5	Pre-patinated (no coating)	10.9	Limited	60	A1
Bronze - Nordic Royal	1.5	15.7	Pre-patinated (no coating)	37.7	Limited	60	A1
	1.0	10.5	Pre-patinated (no coating)	25.2	Limited	60	A1

Stainless steel	1.0	9.5	Smooth (2B)	38.0	Limited	125	A1
	1.0	9.5	Wet grinded (4N)	38.0	Limited	125	A1

*) Calculations have been made using estimate for SSAB Zero™ recycled steel and data from Ruukki's current Environmental Product Declaration (EPD) documents. The calculations are based on current estimates (3/2025).
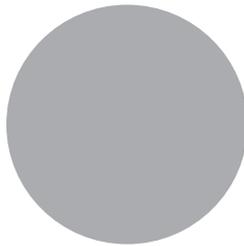
Coatings and colors

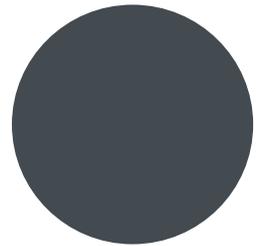## GreenCoat Pural BT (Standard colours)

Gloss level: 20 GU (Satin) / 40 GU (Metallic)
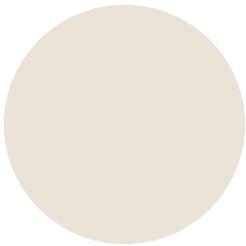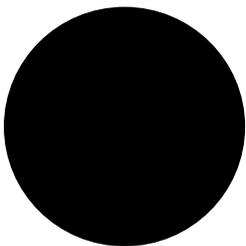
RR20 Winter white

RR21 Pebble grey

RR23 Mountain grey

RR33 Nordic night black
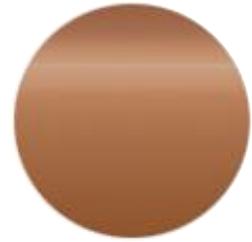
RR40 Metallic silver

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

AUTODESK AUTOCAD AUTODESK REVIT
GRAPHISOFT Archicad Tekla

Download BIM objects to your desktop

ProdLib 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 constantly up to date. ProdLib can also be used as a standalone desktop application.

Go to BIM library

Download documents

Declaration of performance

Declaration of Performance 25/PP/PAR - Cladding products
PDF, 43.7 KB

Order form

Ruukki Liberta rainscreen panels order form 2.4
XLSM, 5.1 MB

Maintenance instructions

Selection recommendation for color-coated products
PDF, 1.6 MB

Ruukki Cor-Ten facades - maintenance instructions
PDF, 70.3 KB

Ruukki powder coated facade claddings - Maintenance instructions
PDF, 0.6 MB

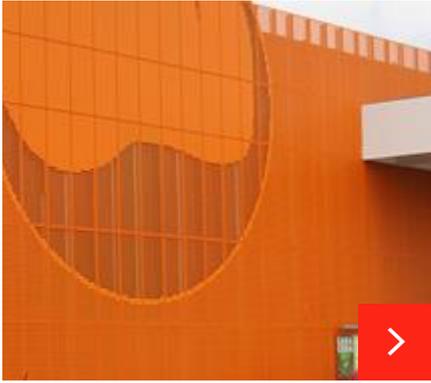**Ruukki colour coated steel - Maintenance instructions**
PDF, 0.6 MB

Accessory documents

**Facade cladding accessories 11_2025**
PDF, 2.8 MB

References

Mall "Apelsīns"

In cooperation with Ruukki, a facade cassette mounting and perforation solution was developed that allowed the desired result - a unique and impressive view of ...
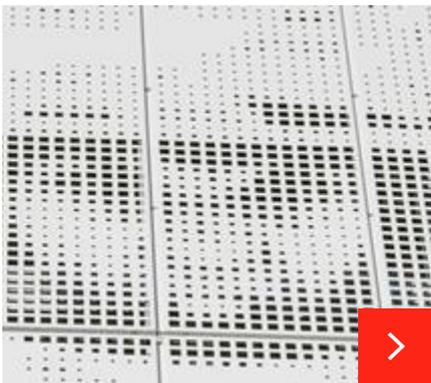
Sports centre – Mariahallen

"It's at its most impressive in the evening, when the lights are lit behind the steel rainscreen panels and the turquoise of the panels shines behind the perfor...
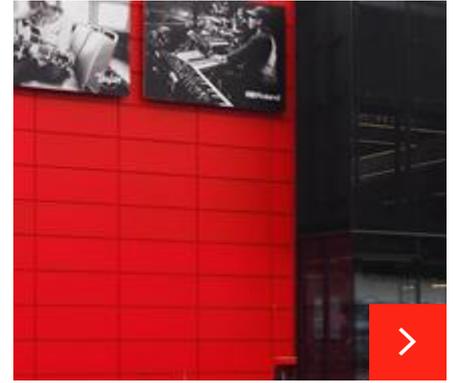
Retail shop – Kytary.cz

Ruukki delivered Liberta Original 102 panels for the facade cladding. The colour of the panels can be changed into the desired hue, and today, Kytary.cz is an e...

BMX track of Valmiera city

This was a nice and a special project, where we made perforation pattern using Ruukki Liberta Original 102 special perforation of legendary sportsman – Māris Št...
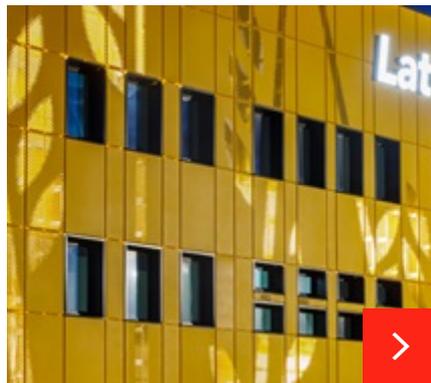
Balticovo office and factory building, Latvia

We delivered a full façade system - Ruukki® Emotion. Ruukki Liberta® Original 102 with art perforated pattern are implemented in a new Balticovo 8500m2 office a...

See all rainscreen panel references

Visualization tool

Visualize your idea

Get inspired on how our façade cladding products come live in a building façade. Find your own combination of surface structures, patterns, colors and materials.

Go to visualization tool