



Hydroscand Tartu office, Estonia. Ruukki facade products: Liberta Elegant 500, Liberta Elegant 500 Grande, Design Tokyo S18, Sandwich panels for external walls.

## A FACADE THAT COMPLETES YOUR VISION

Ruukki's facade claddings offer you endless variations to use in designing your architectural objectives to your project requirements. You can use our products to find your own combination of surface structures, patterns, colours and materials. By using our carefully developed details you will gain our full technical and manufacturing knowhow to support you.

#### ruukki.com/facades



PRIMO™ SKYLINE RAINSCREEN PANELS
LIBERTA™ RAINSCREEN PANELS FOR FACADES
CLADDING LAMELLAS FOR FACADES
DESIGN PROFILES FOR FACADES
BESPOKE ARCHITECTURAL FACADES
FACADE SYSTEMS - RUUKKI® EMOTION
FACADE SYSTEMS - RUUKKI FORMA™
FACADE MATERIALS
FACADE MATERIALS
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TECHNICAL INFORMATION
DESIGN TOOLS
QUALITY
CONTACT DETAILS

## NEW RUUKKI° PRIMO CLADDING SYSTEM

#### www.ruukki.com/primo

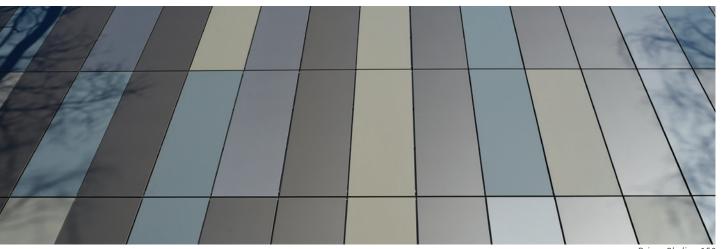
Kverneland Bil – Car dealer in Haugesund, Norway. Ruukki facade products: Ruukki® Primo Skyline 100.

RUUKKI® PRIMO is Ruukki's new premium cladding system with unique design features

- · Big flat surfaces enable high-end design solutions
- $\boldsymbol{\cdot}$  Tilted joints with continuously adjustable joint widths continuously adjustable joint widths
- · Individually replaceable panels
- · Clear and sophisticated portfolio
- Extensive design and technical support
- Trusted processes and market-wide expertise

RUUKKI® PRIMO rainscreen panels come in an extensive selection of finishes and colours.





Primo Skyline 150



# LIBERTA™ RAINSCREEN PANELS FOR FACADES

#### www.ruukki.com/libertapanels

Fastmall shopping center in Příbram, Czech Republic. Ruukki facade products: Ruukki Liberta Elegant.

Liberta™ rainscreen panels are folded on all sides to offer maximum rigidity for solid metal cassettes with concealed, recessed or visible fixing solutions.

The panel system provides easy and quick installation for a fully finished facade, complete with accessories designed and manufactured to maintain accurate and project–specific dimensions. The panels come in an extensive selection of materials, finishes and colours.





Bárczy Environmental Protection Ltd., Office facilities, Hungary Ruukki facade products: Liberta Elegant 500 Grande





Particle board factory in Akmenė, Lithuania. Ruukki facade products: Lamella Sharp 45.

## CLADDING LAMELLAS FOR FACADES

#### www.ruukki.com/lamellas



Cladding lamellas are narrower profiles that are folded along two long edges and divide facade surfaces one–directionally, be it vertically, horizontally or at an angle. Variety of shapes in the long edge detail together with hidden and concealed fixings allow you to accentuate the surface division to just the right amount. The lamellas have their own, wide selection of materials, finishes and colours.

Pontoon – a modern naval architecture on the Danube, Slovakia. Ruukki facade products: Cladding Lamella Cor-Ten 30.







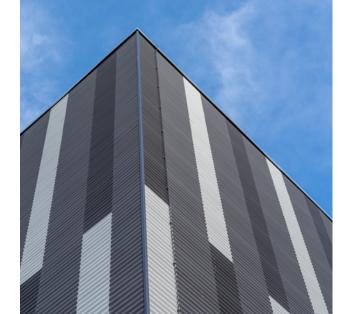
## **DESIGN PROFILES FOR FACADES**

www.ruukki.com/profiles

WURTH Center in Turku, Finland. Ruukki facade products: Design Tokyo S18

Design profiles create a continuous, structured facade surface. With options for both profile and material, the scale and attenuation of the surface structure can be matched to meet the architectural needs of the facade in question. The Design Profiles system allows for easy and quick installation of a fully finished facade complete with flashings and accessories that match the facade material finish.











## BESPOKE ARCHITECTURAL FACADES

#### www.ruukki.com/bespoke

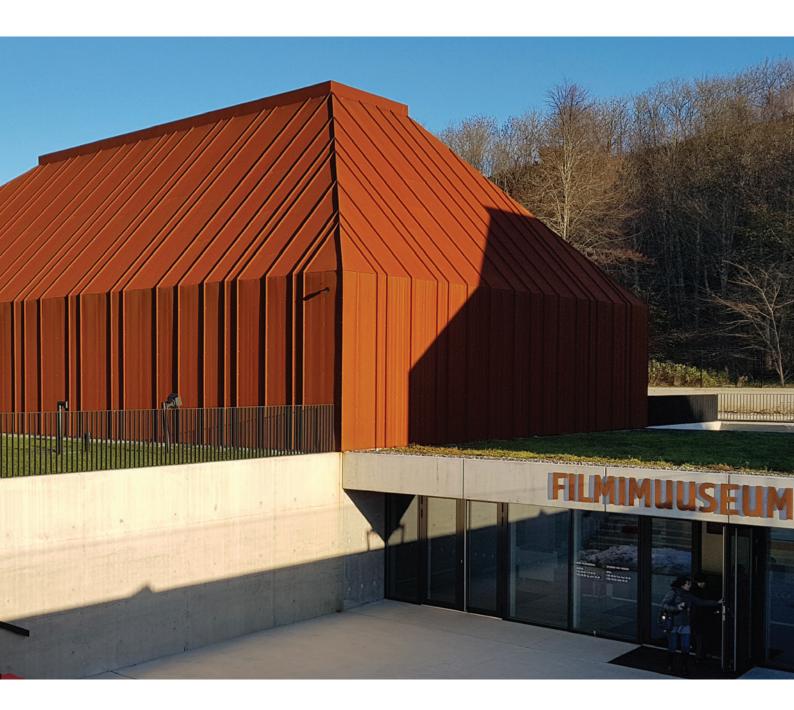
On large projects, which are outside the possibilities of our standard products, the cladding solution can be designed in co-operation to meet the needs of that specific project. Our technical experts will work together with the project architect to ensure architectonic, technical and economic feasibility from early design to building use. The final solution will be just as reliable as tried and tested product solutions.

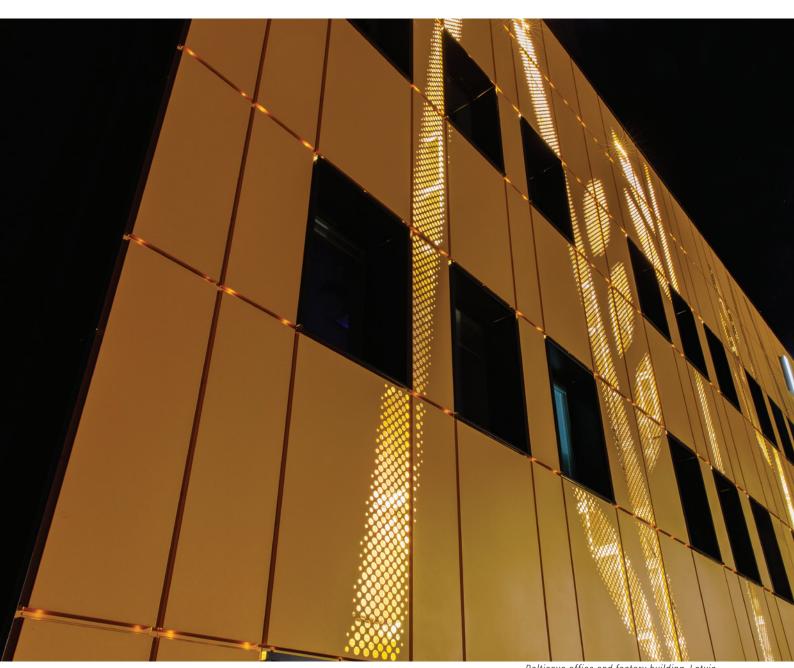
The LUMI data center in Kajaani, Finland. Ruukki facade products: Primo Bespoke architectural facades.





Film Museum, Tallinn, Estonia. Ruukki facade products: Bespoke architectural facades, Special Cor-Ten Lamellas.





Balticovo office and factory building, Latvia. Ruukki facade products: Ruukki Emotion − Ruukki Liberta® Original 102.



## FACADE SYSTEMS RUUKKI® EMOTION

#### www.ruukki.com/ruukkiemotion



Many of the facade claddings Ruukki has to offer can be perforated in several ways. By perforating design profiles fully their transparency can be adjusted when viewed from a distance. Cassettes and lamellas can be perforated with either evenly or non-evenly distributed holes. The size and distance can be chosen by the customer according to perforation portfolio. They can also be perforated freely to form a picture or a pattern. Ruukki can pixelate any picture to a hole map on actual products. The perforated facades can be backlit by either Ruukki's LED purlins for a flat structure or by other lights.



Smetanova shopping gallery Vsetin in Czech republic. Ruukki facade products: Ruukki Emotion – Ruukki Liberta® Original 102.



## FACADE SYSTEMS RUUKKI FORMA™

#### www.ruukki.com/ruukkiforma

Ruukki Forma™ is a complete exterior wall system, combining our facade cladding products with the Ruukki® energy panel system. Ruukki Forma™ provides a wide range of aesthetic shape, material and colour options for the simple and efficient sandwich panel exterior walls. High airtightness of the base structure – the Ruukki® energy panel system – can generate up to 30% savings in a building's energy costs, and improve its energy class.

The base structure is also available in the highly sustainable Ruukki Life energy panel version, with approximately 80% recycled material content.





Fastmall shopping center in Příbram, Czech Republic. Ruukki facade products: complete Ruukki Forma® wall system.



### **FACADE MATERIALS**

#### www.ruukki.com/materials

Our products offer quality, predictability and reliability in endless combinations of shapes, colours and materials. They offer an extremely powerful and wide aesthetical range for use as architectural elements. Their technical properties of product and material combinations are equally versatile, which is why our local experts are ready to help architects and developers in identifying good solutions to meet individual projects' aesthetic, technical and economic conditions.





COLOUR-COATED STEEL AND ALUMINIUM



**STAINLESS STEEL** 



#### **RHEINZINK**



#### **BRUSHED ALUMINIUM**



#### **ALUMINIUM COMPOSITE**



#### **COPPER, BRASS AND BRONZE**



#### **GLASS**

## FACADE MATERIALS COR-TEN

#### www.ruukki.com/materials

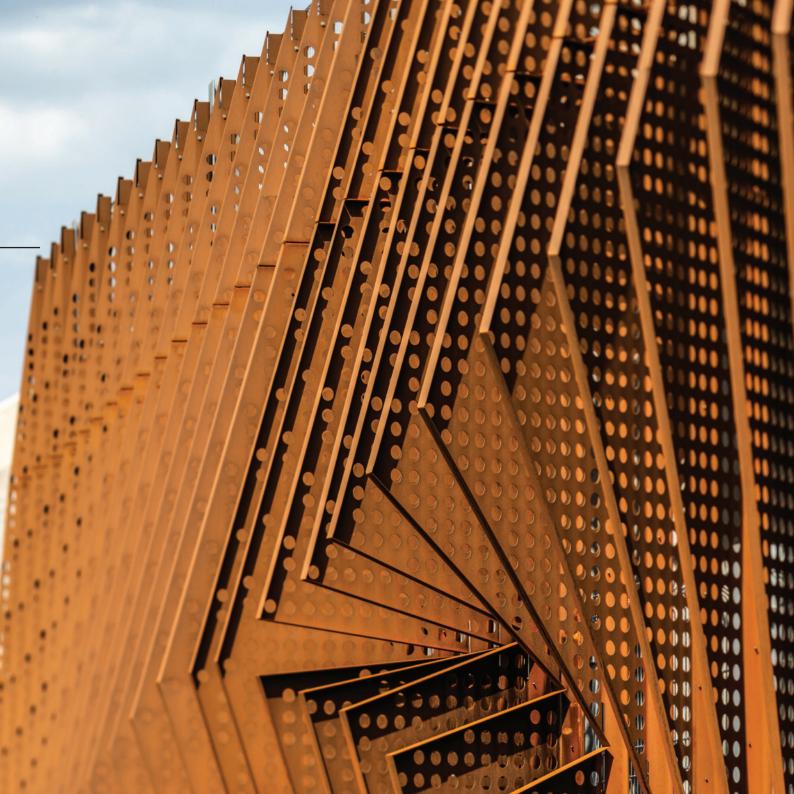
Tallinn Airport parking station, Tallinn, Estonia. Ruukki facade products: Special Cor-Ten lamellas.

Cor-Ten is almost pure steel that, in the right conditions, forms a natural, rugged, protective patina. Using Cor-Ten as a face material requires specific structural and chemical know-how. When used correctly Cor-Ten is expressive, long-lasting and maintenance-free material. All of Ruukki's available Cor-ten products are designed and tested to perform reliably. They age continuously in a beautiful, safe and controlled way.

ViaJur Wine Shop in Svätý Jur, Slovakia. Ruukki facade products: Liberta Cor-Ten 700





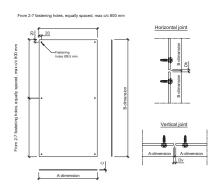


## **PRIMO SKYLINE FACADE SYSTEM**



#### **PRIMO PLANA 10**

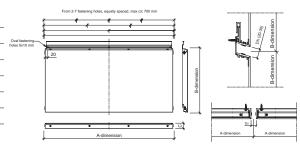
Installation	Horizontal/Vertical
Max width	1490 mm
Max Height	4990 mm
Joint width	5 - 20 mm
Fastening style	Visible
Materials	Aluminium composite





#### **PRIMO SKYLINE 100**

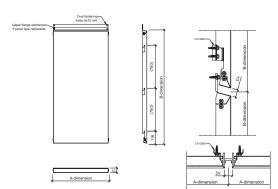
Installation	Horizontal
Max width	4000 mm
Max Height	1000 mm
Joint width	5 - 35 mm
Fastening style	Hidden fix
Materials	Aluminium composite





#### **PRIMO SKYLINE 150**

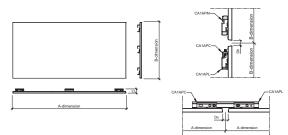
Installation	Vertical
Max width	1400 mm
Max Height	4000 mm
Joint width	5 - 35 mm
Fastening style	Hidden fix
Materials	Aluminium composite





#### **PRIMO SKYLINE 1000**

Installation	Horizontal/Vertical
Max size	6200 x 1900 mm
Joint width	≥ 5 mm
Fastening style	Hidden fix
Materials	Aluminum honeycomb



#### STANDARD COLORS, PRIMO SKYLINE



PVDF 3L - Metallic White, Dark Grey Metallic, Traffic Red 3020

PVDF 2L - Pure White 9010, Copper Metallic, Bronze Metallic, Light Grey 7035, Grey Metallic, Anthracite Grey 7016, Umbra Grey 7022, Silver Metallic, Smoke Metallic, Champagne Metallic, Manganese Metallic, Jet Black 9005, Grey Brown 8019, Purple Red 3004, Signal Yellow 1003, Ultramarine Blue 5002

HQPE - Pure Orange 2004

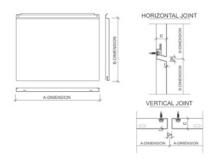
Also other coating types are available upon request (non-stock material). Minimum order size: 125 m² (standard colours)

## LIBERTA RAINSCREEN PANEL



#### **LIBERTA ELEGANT 500**

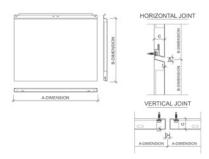
Installation direction	Horizontal
Width	100 - 3800 mm
Height	100 - 900 mm
Depth	25, 30 mm
Horizontal joint	5, 10, 15, 20, 25, 30 mm
Vertical joint	5, 10, 15, 20, 25, 30 mm
Fastening style	concealed
Materials	Steel, Aluminium, Rheinzink, Copper, Brass, Bronze, Stainless steel





#### **LIBERTA ELEGANT 500 GRANDE**

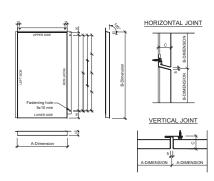
Installation direction	Horizontal
Width	100 - 3350 mm
Height	100 - 1000 mm
Depth	25, 30 mm
Horizontal joint	5, 10, 15, 20, 25, 30 mm
Vertical joint	5, 10, 15, 20, 25, 30 mm
Fastening style	concealed
Materials	Steel





#### **LIBERTA ELEGANT 550**

Installation direction	Vertical
Width	150 - 1000 mm
Height	150 - 3800 mm
Depth	25, 30 mm
Horizontal joint	5 mm
Vertical joint	5 mm
Fastening style	concealed
Materials	Steel, Aluminium, Rheinzink, Copper, Brass, Bronze, Stainless steel

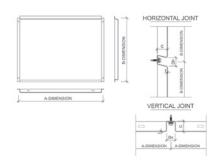


## LIBERTA RAINSCREEN PANEL



#### **LIBERTA ORIGINAL 102**

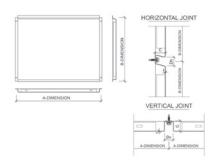
Installation direction	Horizontal/Vertical
Max size	3800 x 800 mm
Min size	100 x 100 mm
Depth	20, 25, 30 mm
Horizontal joint	20, 25, 30 mm
Vertical joint	20, 25, 30 mm
Fastening style	visible
Materials	Steel, Aluminium, Rheinzink, Copper, Brass, Bronze, Stainless steel





#### **LIBERTA ORIGINAL 102 GRANDE**

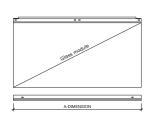
Installation direction	Horizontal/Vertical
Max size	3350 x 1000 mm
Min size	100 x 100 mm
Depth	25, 30 mm
Horizontal joint	20, 25, 30 mm
Vertical joint	20, 25, 30 mm
Fastening style	visible
Materials	Steel



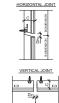


#### **LIBERTA GLASS**

Installation direction	Horizontal
Width	240 - 1198 mm
Height	275 - 798 mm
Depth	39 mm
Horizontal joint	8 mm
Vertical joint	8 mm
Fastening style	concealed
Materials	Panel frame – steel, Glass module – tempered glass





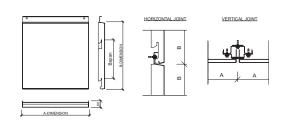


## LIBERTA RAINSCREEN PANEL



#### **LIBERTA COR-TEN 800**

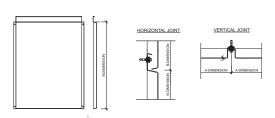
Installation direction	Vertical
Width	200 - 1150 mm
Height	200 - 3800 mm
Depth	40 mm
Horizontal joint	10 mm
Vertical joint	10 mm
Fastening style	concealed
Materials	Steel Cor-Ten A, 1.5 mm
•	-





#### **LIBERTA COR-TEN 700**

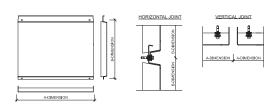
Installation direction	Vertical
Width	100 – 1150 mm
Height	100 - 3800 mm
Depth	30 mm
Horizontal joint	10 mm
Vertical joint	20, 25, 30 mm
Fastening style	visible
Materials	Steel Cor-Ten A, 1.5 mm





#### **LIBERTA COR-TEN 600**

Installation direction	Horizontal
Width	100 – 3800 mm
Height	100 - 1150 mm
Depth	30 mm
Horizontal joint	34 mm
Vertical joint	10, 15, 20, 25, 30 mm
Fastening style	visible
Materials	Steel Cor-Ten A, 1.5 mm

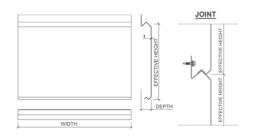


## **CLADDING LAMELLA**



#### **CLADDING LAMELLA GROOVE 10**

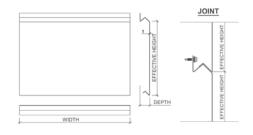
Installation direction	Horizontal/Vertical
Depth	40 mm
Effective height	Standard 300 mm (150300 mm)
Width	150 - 4000 mm
Fastening style	concealed
Materials	Steel, Aluminium, Rheinzink, Copper, Brass, Bronze, Stainless steel





#### **CLADDING LAMELLA GROOVE 20**

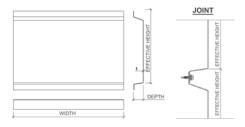
Installation direction	Horizontal/Vertical
Depth	40 mm
Effective height	Standard 300 mm (150300 mm)
Width	150 - 4000 mm
Fastening style	concealed
Materials	Steel, Aluminium, Rheinzink, Copper, Brass, Bronze, Stainless steel





#### **CLADDING LAMELLA GROOVE 30**

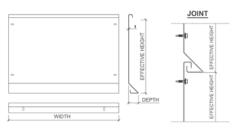
Installation direction	Horizontal/Vertical
Depth	40 mm
Effective height	Standard 300 mm (150300 mm)
Width	150 - 4000 mm
Fastening style	visible
Materials	Steel 1.2 mm, Aluminium 1.5 mm





#### **CLADDING LAMELLA SHARP 40**

Installation direction	Horizontal
Depth	40 mm
Effective height	Standard 300 mm (150300 mm)
Width	150 - 3800 mm
Fastening style	visible
Materials	Steel 1.2 mm,
	Aluminium 1.5 mm

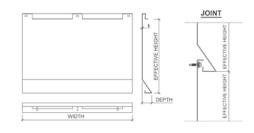


## **CLADDING LAMELLA**



#### **CLADDING LAMELLA SHARP 45**

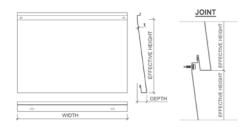
Depth	40 mm
Effective height	Standard 300 (300350) mm
Width	150 - 3800 mm
Fastening style	concealed
Materials	Steel 1.2 mm, Aluminium 1.5 mm





#### **CLADDING LAMELLA LAP 60**

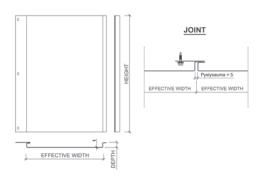
Depth	40 mm
Effective height	300 mm
Width	150 - 3800 mm
Fastening style	concealed
Materials	Steel, Aluminium, Rheinzink, Copper, Brass, Bronze, Stainless steel





#### **CLADDING LAMELLA VERTICAL 70**

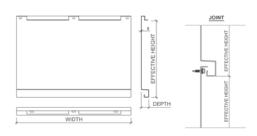
Depth	20 mm
Effective height	Standard 300 (250500) mm
Width	150 - 3800 mm
Fastening style	concealed
Materials	Steel, Aluminium, Rheinzink, Copper, Brass, Bronze, Stainless steel





#### **CLADDING LAMELLA STRAIGHT 100**

Depth	30 mm
Effective height	Standard 300 (300 - 350) mm
Width	150 - 3800 mm
Fastening style	concealed
Materials	Steel 1.2 mm, Aluminium 1.5 mm

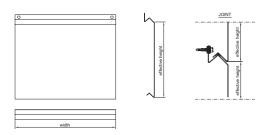


### **CLADDING LAMELLA**



#### **CLADDING LAMELLA COR-TEN 20**

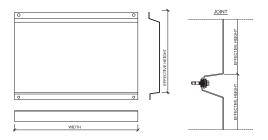
Installation direction	Horizontal/Vertical
Depth	40 mm
Effective height	Standard 300 (150 - 600) mm
Width	150 - 3800 mm
Fastening style	concealed
Materials	Steel Cor-Ten A, 1.5 mm





#### **CLADDING LAMELLA COR-TEN 30**

Installation direction	Horizontal/Vertical
Depth	40 mm
Effective height	Standard 300 (150 - 600) mm
Width	150 - 3800 mm
Fastening style	visible
Materials	Steel Cor-Ten A, 1.5 mm



#### STANDARD COLORS, LIBERTA & LAMELLA

#### HIARC



#### **HIARC MATT**



Extended colours HIARC - RR11, RR22, RR24, RR26, RR29, RR30, RR31, RR32, RR33, RR34, RR35, RR36, RR37. RR44, RR45, RR106, RR108, RR143, RR1H3, RR1H4, RR1L7, RR237, RR288, RR2B1, RR2G6, RR2H3, RR2H8, RR2J8, RR301, RR411, RR4F8, RR4J7, RR502, RR535, RR5F1, RR5J4, RR624, RR750, RR804. RR807, RR8D8, RR8H1, RR8H2

Extended colours Powder paint - RAL1013, RAL1015, RAL1019, RAL3000, RAL3004, RAL3005, RAL5003, RAL5010, RAL5014, RAL6005, RAL6009, RAL6019, RAL6021, RAL7001, RAL7006, RAL7011, RAL7012, RAL7015, RAL7016, RAL7021, RAL7022, RAL7024, RAL7030, RAL7031, RAL7035, RAL7037, RAL7039, RAL7040, RAL7042, RAL7043, RAL7047, RAL8003, RAL8011, RAL8014, RAL7017, RAL8019, RAL8022, RAL9001, RAL9002, RAL9003, RAL9006, RAL9007, RAL9010, RAL9016

Extended colours – HIARC & Powder paint – RAL and NCS colours available by request.

#### Minimum order sizes:

- · Standard chart: No limitations
- · Extended colours: HIARC 900 m<sup>2</sup>; Powder paint 100 m<sup>2</sup>

## **DESIGN PROFILES**



#### **DESIGN VENICE S10**

Installation direction	Horizontal/Vertical
Depth	10 mm
Effective width	998 mm
Maximum length	7000 mm
Minimum length	500 mm
Materials	Steel o.6mm,
	Aluminium 0.7 mm
	Cor-Ten o.7 mm





#### **DESIGN OULU T10A**

Installation direction	Horizontal/Vertical	
Depth	10 mm	
Effective width	980 mm	
Maximum length	3130 mm	
Minimum length	200 mm	
Materials	Steel o.6 mm, Aluminium o.7 mm	





#### **DESIGN TOKYO S18**

Installation direction	Horizontal/Vertical	
Depth	18 mm	
Effective width	1100 mm	
Maximum length	9000 mm	
Minimum length	600 mm	
Materials	Steel o.6mm,	
	Aluminium 0.7 mm	
	Cor-Ten o.7 mm	



### **DESIGN PROFILES**



#### **DESIGN ROME S34**

Installation direction	Horizontal/Vertical	
Depth	34 mm	
Effective width	898 mm 7000 mm	
Maximum length		
Minimum length	500 mm	
Materials	Steel o.6mm,	
	Aluminium 0.7 mm	
	Cor-Ten o.7 mm	





#### **DESIGN ROME S S34**

Installation direction	n Horizontal/Vertical	
Depth	34 mm 898 mm	
Effective width		
Maximum length	7000 mm	
Minimum length	500 mm	
Materials	Steel o.6mm,	
	Aluminium 0.7 mm	
	Cor-Ten o.7 mm	



#### STANDARD COLORS, DESIGN PROFILES

#### HIARC



#### **HIARC MATT**

RR40	RR41	RR45
Silver Matt	Dark Silver MAtt	Metalic Graphite

Extended colours HIARC - RR11, RR22, RR24, RR26, RR29, RR30, RR31, RR32, RR33, RR34, RR35, RR36, RR37. RR44, RR45, RR106, RR108, RR143, RR1H3, RR1H4, RR1L7, RR237, RR288, RR2B1, RR2G6, RR2H3, RR2H8, RR2J8, RR301, RR411, RR4F8, RR4J7, RR502, RR535, RR5F1, RR5J4, RR624, RR750, RR804. RR807, RR8D8, RR8H1, RR8H2

Extended colours Powder paint – RAL1013, RAL1015, RAL1019, RAL3000, RAL3004, RAL3005, RAL5003, RAL5010, RAL5014, RAL6005, RAL6009, RAL6019, RAL6021, RAL7001, RAL7006, RAL7011, RAL7012, RAL7015, RAL7016, RAL7021, RAL7022, RAL7024, RAL7030, RAL7031, RAL7035, RAL7037, RAL7039, RAL7040, RAL7042, RAL7043, RAL7047, RAL8003, RAL8011, RAL8014, RAL7017, RAL8019, RAL8022, RAL9001, RAL9002, RAL9003, RAL9006, RAL9007, RAL9010, RAL9016

Extended colours –  ${\sf HIARC\,\&\,Powder\,paint\,RAL}$  and NCS colours available by request.

#### Minimum order sizes:

- · Standard chart: No limitations
- Extended colours: HIARC 2000 m<sup>2</sup>; Powder paint 100 m<sup>2</sup>

### **DESIGN TOOLS**

#### www.ruukki.com/tools

#### Download **BIM OBJECTS** to your desktop

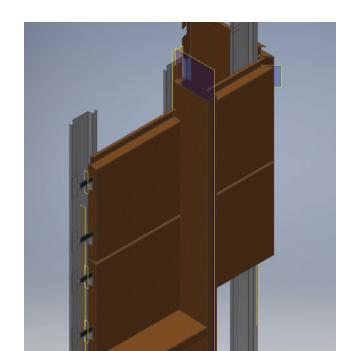
ProdLib brings Ruukki products as BIM models directly to your desktop in 3D form for design programs AutoCAD, Autodesk Revit, Archicad and Tekla Structures. Product libraries compile all necessary design models and detailed drawings in one place. Library updates are automatically notified, so as a user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





#### **DESIGN SUPPORT**

Ruukki's experienced designers can also help in developing project specific details, and show how interface details work between standard and bespoke details. We are available to offer support at pre-specification stage to assist in developing details and specifications that offer a degree of cost certainty from an early stage.

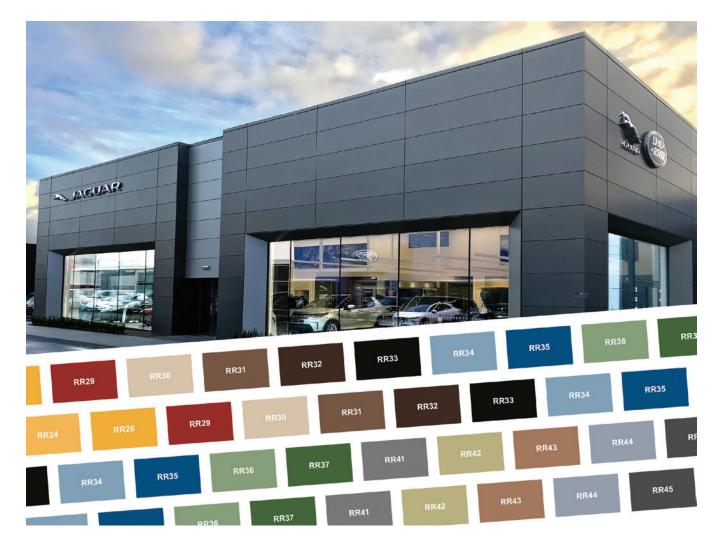


## **VISUALIZATION TOOL PAGE**

#### YOUR VISION IS OUR PURPOSE

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.





## **QUALITY**

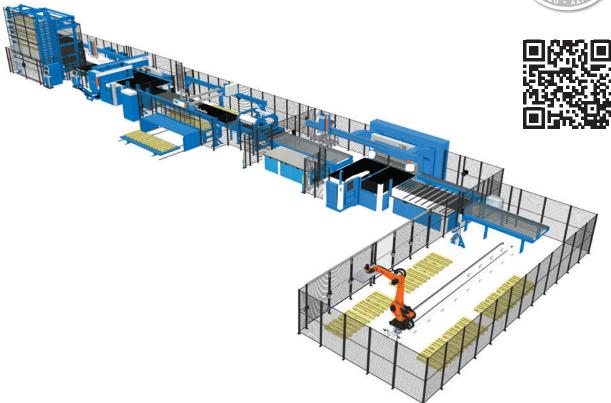
#### www.ruukki.com/quality

The quality of a facade cladding depends on several factors. Coatings and materials have to be able to withstand the UV and chemical strains. Components have to be simple and safe to install at height. And of course the workmanship of each individual part manufactured has to be perfect.

Ruukki's products are produced with fully automated production lines to ensure consistent quality. This together with high quality materials enables us to provide up to a 50 year warranty. All Ruukki's facade cladding products are CE-marked according to relevant EN standards.







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We make steel-based products for walls and roofs, for both commercial buildings and private homes. We're a supplier of high-quality products, systems and solutions, developed sustainably and to live up to the highest demands on durability in harsh conditions.

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