

Ceiling and wall products catalogue

Profiled products for the construction of ceiling and wall

Ruukki® Sound Environment solution

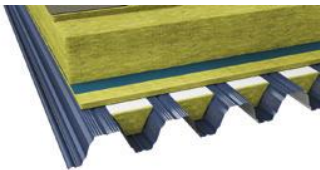
Good acoustics are essential for wellbeing and work efficiency. When you ignore acoustics in the development phase, you need to start fixing new buildings because they sound wrong. Ruukki® Sound Environment is featuring a range of profiled load bearing roofing sheets and cladding solutions especially for sports arenas, industrial halls, schools and commercial buildings. It cuts out background noise, and reduces echoes and reverberations. And we can now deliver sound absorption up to class A, α_w 1,00. This is basically as good as it gets.

Load bearing sheet T130



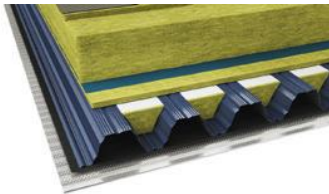
Ruukki T130M 3/15, web perforated

- > For roof applications
- > Sound absorption class D, α_w 0,35
- > Web perforation 15 %



Ruukki T130M 3/15, web perforated + acoustic infill

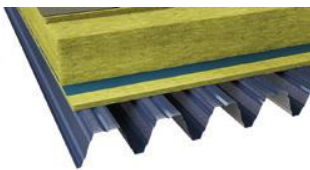
- > For roof applications
- > Sound absorption class D, α_w 0,45
- > Web perforation 15 %



Ruukki T130M 3/15, web perforated + acoustic infill + Ruukki T20 3/30 profile with light non-woven layer

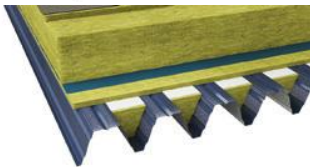
- > For roof applications
- > Sound absorption class C, α_w 0,70
- > Web perforation 15 %

Load bearing sheet T153



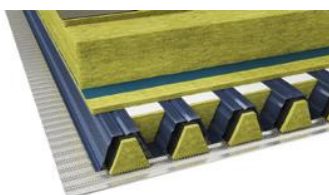
Ruukki T153 4/30, web and flange perforated

- > For roof applications
- > Sound absorption class B, α_w 0,80
- > Web and flange perforation 30 %



Ruukki T153 4/30, web and flange perforated + acoustic infill

- > For roof applications
- > Sound absorption class A, α_w 0,90
- > Web and flange perforation 30 %



Ruukki T153 4/30, web and flange perforated + acoustic infill + Ruukki T20 3/30 profile with light non-woven layer

- > For roof applications
- > Sound absorption class A, α_w 1,00
- > Web and flange perforation 30 %

Acoustic cladding 100 mm

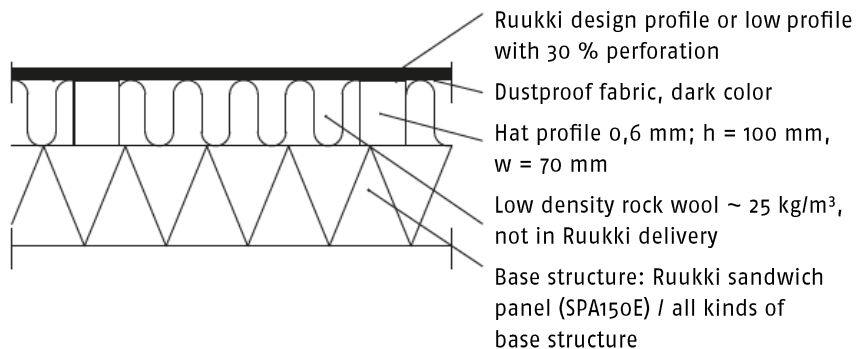
Sound absorption class A, $\alpha_w = 0,90$



Ruukki acoustic cladding 100 mm

- > For wall and ceiling applications
- > Improves sandwich panels sound insulation value $R_w + 10$ dB
- > Open area perforation 30 %

Section



Acoustic cladding 50 mm

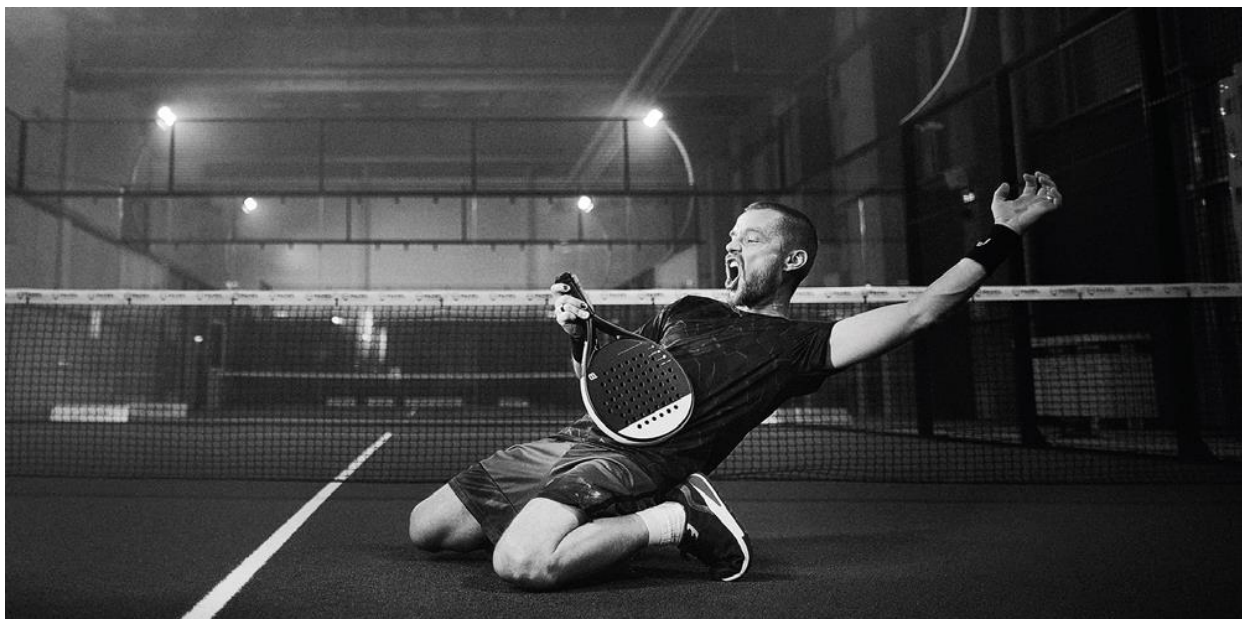
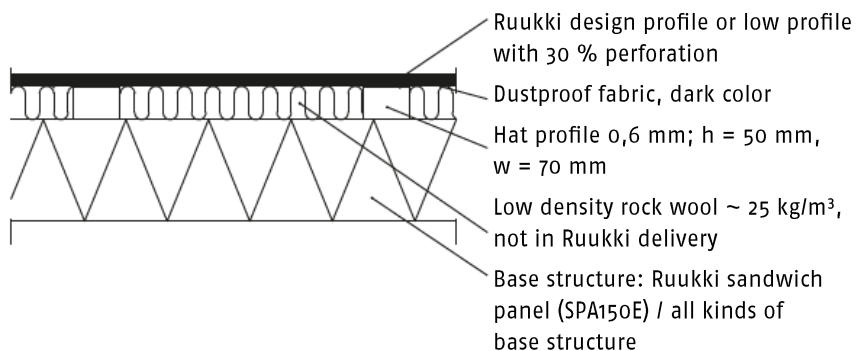
Sound absorption class D, $\alpha_w = 0,50$



Ruukki acoustic cladding 50 mm

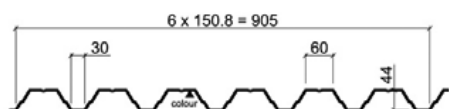
- > For wall and ceiling applications
- > Improves sandwich panels sound insulation value $R_w + 6$ dB
- > Open area perforation 30 %

Section



Load-bearing sheets

Load-bearing sheets are perfectly suited for various roof solutions thanks to low weight and load-bearing capacity. They are also suitable as a waterproof layer and are a cost-effective way of building load-bearing floor structures. In addition, they can be used as reinforcement in concrete slabs. Optimal solutions for the use of load-bearing sheets are created with Ruukki's Poimu dimensioning program.

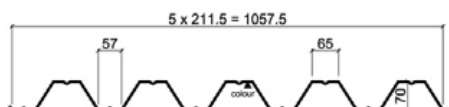
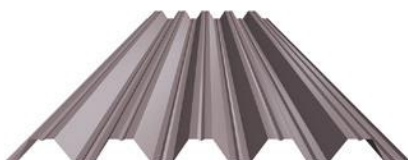


Load-bearing sheet T45-30L-905

For spans	under 3,5 m
Profile height	44 mm
Effective width	905 mm
Material thickness	0,6 ; 0,7 ; 0,9 mm
Maximum length	15 m
Minimum length	0,5 m

Available with perforation d3/15 % and anti-condensation coating of 600 or 1 000 g/m².

Polyester	RR20				
GreenCoat Pural 0,7 mm	RR21	RR22	RR23	RR33	
Galvanized 0,6 ; 0,7 ; 0,9 mm					



Load-bearing sheet T70-57L-1058

For spans	under 5 m
Profile height	70 mm
Effective width	1058 mm
Material thickness	0,7 - 1,0 mm
Maximum length	15 m
Minimum length	0,6 m
Profile also available with 4 waves for water tight applications, effective width 846 mm	

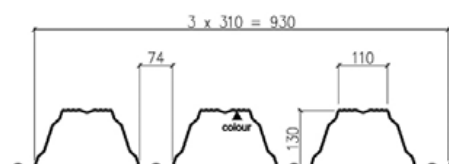
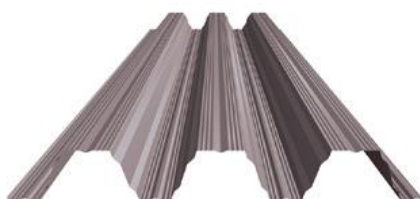
Available with perforation d3/15 %, anti-condensation coating of 600 or 1 000 g/m² and holes for safety anchors

GreenCoat Pural matt 0,6 mm*	RR21	RR22	RR23	RR29	RR32	RR33	RR750
GreenCoat Pural 0,7 mm*	RR21	RR22	RR23	RR33			
GreenCoat Pural 1,0 mm, hl = 1058 mm	RR23						
Polyester, 0,7-1,0 mm, hl = 1058 mm	RR20	RR33**					

Galvanized 0,7 - 1,0 mm

* With effective width 846 mm

** With thicknesses 0,8 and 1,0 mm

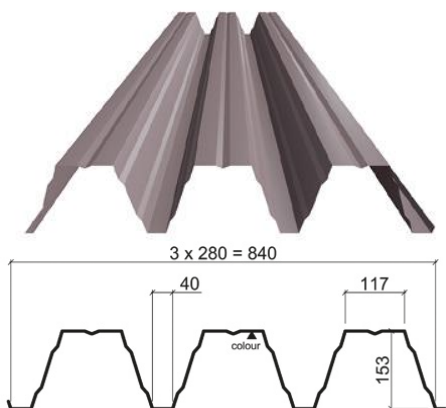


Load-bearing sheet T130M-75L-930

For spans	over 5 m
Profile height	130 mm
Effective width	930 mm
Material thickness	0,7 - 1,5 mm
Maximum length	18,3 m
Minimum length	0,8 m

Available with perforation d3/15 %, anti-condensation coating of 600 or 1 000 g/m² and holes for safety anchors

Polyester 0,7-1,5 mm	RR20	RR33*
GreenCoat Pural 1,0 mm	RR23	
Galvanized 0,7-1,5 mm		
*With thicknesses 0,8 ; 1,0 ; 1,2 mm		



Load-bearing sheet T153-40L-840

For spans	over 5 m
Profile height	153 mm
Effective width	840 mm
Material thickness	0,7 – 1,5 mm
Maximum length	18,3 m
Minimum length	0,8 m

Polyester 0,7-1,5 mm

RR20

RR33*

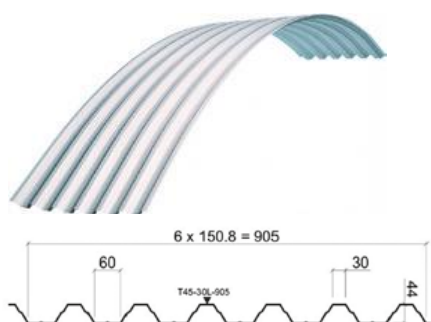
GreenCoat Pural 1,0 mm

RR23

Galvanized 0,7-1,5 mm

*For thicknesses 0,8 ; 1,0 ; 1,2 mm

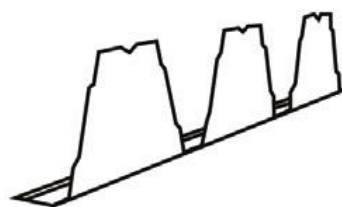
Available with perforation d3/15 %, anti-condensation coating of 600 or 1 000 g/m² and holes for safety anchors



Arched load-bearing sheet

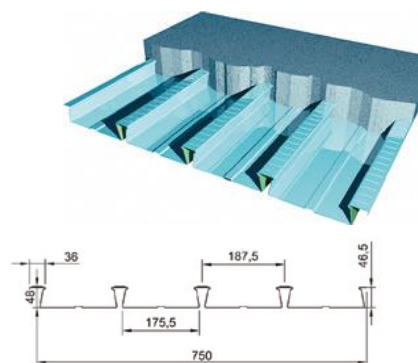
T45-30L-905

Profile height	44 mm
Effective width	905 mm
Material thickness	0,7 ; 0,9 mm
Maximum length	15 m
Minimum length	2,8 m



Closure flashing

Material thickness	0,6 mm
Coating	Polyester
For profiles	T70, T130M, T153
Width according to the useful width of the profile	



Composite sheet CS48-36-750

Profile height	48 mm
Effective width	750 mm
Material thickness	0,7 ; 0,9 ; 1,1 mm
Maximum length	12 m
Minimum length	0,4 m

Low profile sheets

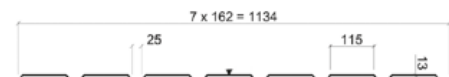
Ruukki has a wide range of low profiles suitable for wall applications. The sheets are durable and with high quality. Low profiles can be used for both, interior and exterior cladding. Ruukki's low profile sheets provide a solid and minimal appearance to the facade.

Low profile T15-115-1134

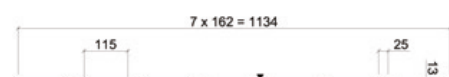
Low profile T15-25-1134

Low profile T15-115V-1134

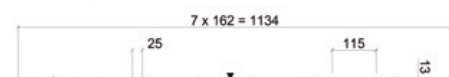
Profile height	13 mm
Effective width	1 134 mm
Material thickness	0,5-0,6 mm
Maximum length	10 m
Minimum length	0,6 m



T15-115-1134 WALL



T15-25-1134 WALL



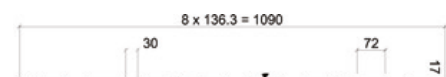
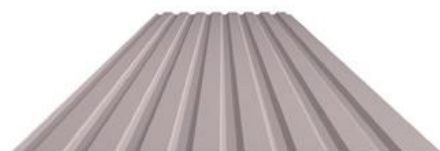
T15-115V-1134 WALL

Polyester 0,5 mm	RR20	RR21	RR22	RR23	RR29	RR32	RR33	RR946					
Pural BT satin 0,6 mm	RR20	RR21	RR22	RR23	RR24	RR29	RR32	RR33	RR34	RR35	RR40	RR41	RR45
Galvanized 0,5 mm													

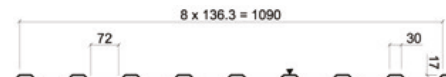
Low profile T20-72-1090

Low profile T20-30-1090

Profile height	18 mm
Effective width	1 090 mm
Material thickness	0,5-0,6 mm
Maximum length	12 m
Minimum length	0,65 m



T20-72-1090 WALL

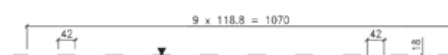


T20-72-1090 WALL

Polyester 0,5 mm	RR20	RR21	RR22	RR23	RR29	RR32	RR33	RR946					
Pural BT satin 0,6 mm	RR20	RR21	RR22	RR23	RR24	RR29	RR32	RR33	RR34	RR35	RR40	RR41	RR45
Galvanized 0,5 mm													

Low profile T20-42S-1070

Profile height	18 mm
Effective width	1 070 mm
Material thickness	0,5-0,6 mm
Maximum length	12 m
Minimum length	0,65 m



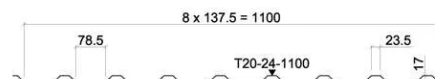
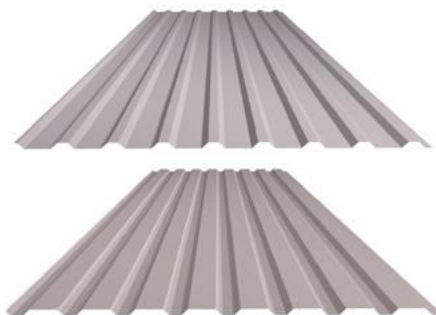
T20-42S-1070 WALL

Polyester 0,5 mm	RR20	RR21	RR22	RR23	RR29	RR32	RR33	RR946					
Pural BT satin 0,6 mm	RR20	RR21	RR22	RR23	RR24	RR29	RR33	RR34	RR35	RR40	RR41	RR45	RR750
Aluminium 0,4 mm	RR20												
Galvanized 0,5 mm													

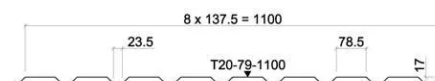
Low profile T20-24-1100

Low profile T20-79-1100

Profile height	17 mm
Effective width	1100 mm
Material thickness	0,5-0,6 mm
Maximum length	8 m
Minimum length	0,5 m



T20-24-1100 WALL



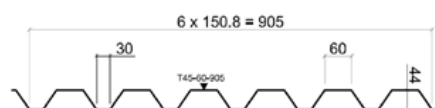
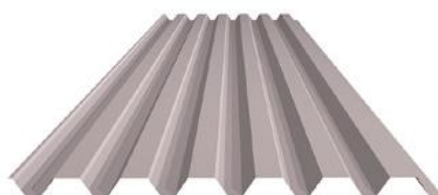
T20-79-1100 WALL

Polyester 0,5 mm	RR11	RR20	RR22	RR23	RR2H3	RR29	RR30	RR32	RR33	RR37	RR750	RR887	RR946
Pural BT satin 0,6 mm	RR20	RR21	RR23	RR24	RR33	RR34	RR35						
Pural BT metallic 0,6 mm	RR40	RR41	RR42	RR45	RR979								
Galvanized 0,5 – 0,7 mm													

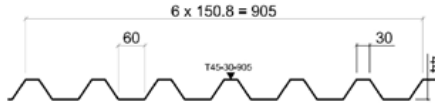
Low profile T45-60-905

Low profile T45-30-905

Profile height	44 mm
Effective width	905 mm
Material thickness	0,6-0,7 mm
Maximum length	15 m
Minimum length	0,5 m



T45-60-905 WALL



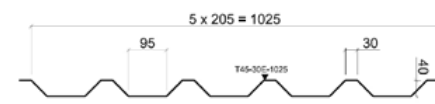
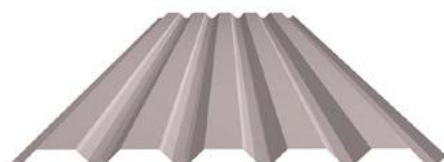
T45-30-905 WALL

Polyester 0,6 mm	RR20	RR21	RR23	RR29	RR32	RR33	RR946						
Pural BT satin 0,6 mm	RR20	RR21	RR22	RR23	RR24	RR29	RR33	RR34	RR35	RR40	RR41	RR45	
Galvanized 0,6 – 0,7 mm													

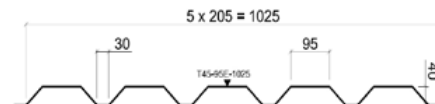
Low profile T45-30E-1025

Low profile T45-95E-1025

Profile height	40 mm
Effective width	1025 mm
Material thickness	0,6-0,7 mm
Maximum length	12 m
Minimum length	0,8 m



T45-30E-1025 WALL



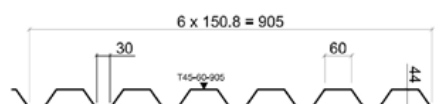
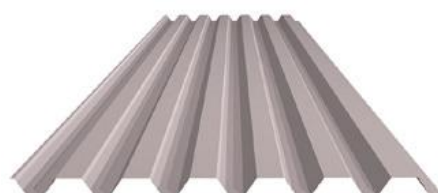
T45-95E-1025 WALL

Polyester 0,6 mm	RR20	RR21	RR23	RR32	RR33	RR946							
Pural BT satin 0,6 mm	RR20	RR21	RR22	RR23	RR24	RR29	RR33	RR34	RR35	RR40	RR41	RR45	
Galvanized 0,6 – 0,7 mm													

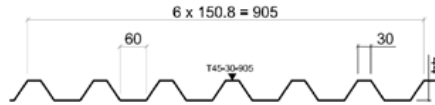
Low profile T45-30-905-P

Low profile T45-60-905-P

Profile height	44 mm
Effective width	905 mm
Material thickness	0,6-0,7 mm
Maximum length	9 m
Minimum length	0,5 m



T45-30-905-P WALL



T45-60-905-P WALL

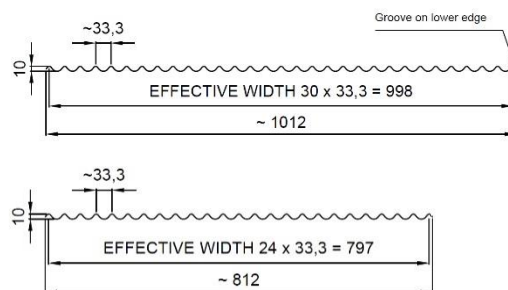
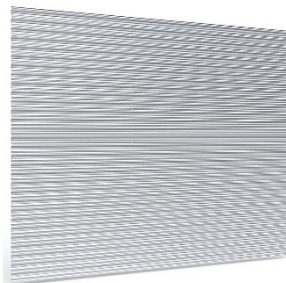
Polyester 0,5 mm	RR11	RR20	RR22	RR23	RR2H3	RR29	RR30	RR32	RR33	RR37	RR750	RR887	RR946
Pural BT satin 0,6 mm	RR20	RR21	RR23	RR24	RR33	RR34	RR35						
Pural BT metallic 0,6 mm	RR40	RR41	RR42	RR45	RR979								
Galvanized 0,5 – 0,7 mm													

Design profiles

Ruukki 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.

Design Venice S10

Profile height	10 mm
Effective width	998 mm
Effective width*	797 mm
Material thickness	0,5-0,7 mm
Maximum length	7 m
Minimum length	0,5 m

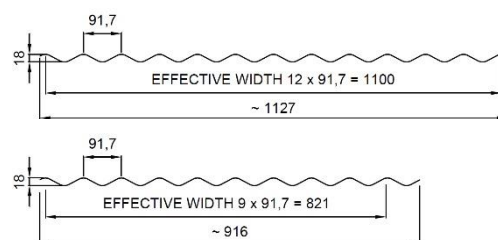
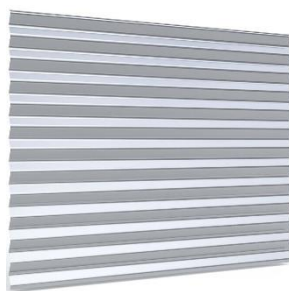


Polyester 0,5 mm	RR11	RR20	RR22	RR23	RR2H3	RR29	RR30	RR32	RR33	RR37	RR750	RR887	RR946
Pural BT satin 0,6 mm	RR20	RR21	RR23	RR24	RR33	RR34	RR35						
Pural BT metallic 0,6 mm	RR40	RR41	RR42	RR45	RR979								

Cor-Ten 0,7 mm
Aluminium 0,7 mm
Copper 0,6 mm*
Rheinzink 0,6 mm*

Design Tokyo S18

Profile height	18 mm
Effective width	1100 mm
Effective width*	821 mm
Material thickness	0,5-0,7 mm
Maximum length	9 m
Minimum length	0,5 m

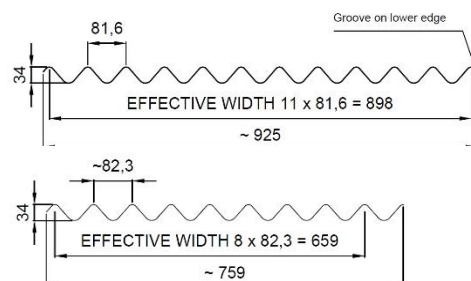


Polyester 0,5 mm	RR11	RR20	RR22	RR23	RR2H3	RR29	RR30	RR32	RR33	RR37	RR750	RR887	RR946
Pural BT satin 0,6 mm	RR20	RR21	RR23	RR24	RR33	RR34	RR35						
Pural BT metallic 0,6 mm	RR40	RR41	RR42	RR45	RR979								

Cor-Ten 0,7 mm
Aluminium 0,7 mm
Copper 0,6 mm*
Rheinzink 0,6 mm*

Design Rome S34

Profile height	34 mm
Effective width	898 mm
Effective width*	759 mm
Material thickness	0,5-0,7 mm
Maximum length	7 m
Minimum length	0,5 m

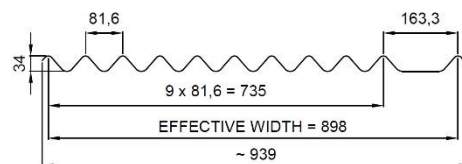


Polyester 0,5 mm	RR11	RR20	RR22	RR23	RR2H3	RR29	RR30	RR32	RR33	RR37	RR750	RR887	RR946
Pural BT satin 0,6 mm	RR20	RR21	RR23	RR24	RR33	RR34	RR35						
Pural BT metallic 0,6 mm	RR40	RR41	RR42	RR45	RR979								

Cor-Ten 0,7 mm
Aluminium 0,7 mm
Copper 0,6 mm*
Rheinzink 0,6 mm*

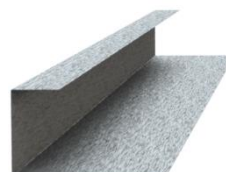
Design Rome S S34

Profile height	34 mm
Effective width	898 mm
Material thickness	0,5-0,7 mm
Maximum length	7 m
Minimum length	0,5 m



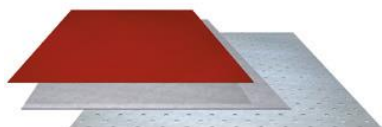
Polyester 0,5 mm	RR11	RR20	RR22	RR23	RR2H3	RR29	RR30	RR32	RR33	RR37	RR750	RR887	RR946
Pural BT satin 0,6 mm	RR20	RR21	RR23	RR24	RR33	RR34	RR35						
Pural BT metallic 0,6 mm	RR40	RR41	RR42	RR45	RR979								
Cor-Ten 0,7 mm													
Aluminium 0,7 mm													
Copper 0,6 mm*													
Rheinzink 0,6 mm*													

Other products



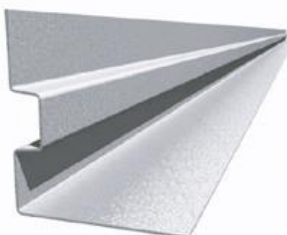
Light weight purlins LP

Types	LP-Z, LP-U, LP-H, LP-C
Material thickness	1,0-3,0 mm
Profile height	50-350 mm
Maximum length	18 000 mm
Minimum length	1 600 mm



Thermo purlins LP

Types	LPT-Z, LPT-C, LPT-U
Material thickness	1,0-3,0 mm
Profile height	100-300 mm
Maximum length	15 000 mm



End reinforcement

For products	T130, T153
Material thickness	1,2-1,5 mm
Maximum length	3 m
Minimum length	0,5 m

Flat and perforated sheets

Standard sheet	1 250 x 2 000 mm
Material thickness	0,5-2,0 mm
Hole rows	3-4
Hole size	3-5 mm
Perforation	max. 40%

NB! Minimum order quantity for perforated sheets 50 m

Cast seam flashing

Height	80-200 mm
Material thickness	1,2-2,5 mm
Standard length	5 m

More information and contacts:

Estonia

<https://www.ruukki.com/est/ehitustooted>



Latvia

<https://www.ruukki.com/lva/eku-norobezojosas-konstrukcijas>



Lithuania

<https://www.ruukki.com/ltu/pastat%C5%B3-atitvaros-ir-fasadai>



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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