

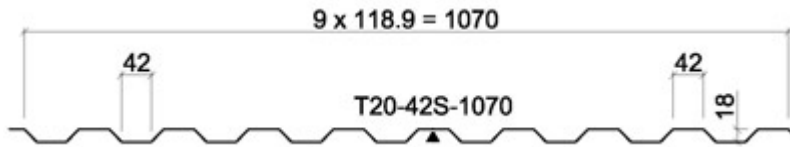
## Low Profile T20-42S-1070

Low profiled sheets are designed for commercial and industrial buildings' facades and internal linings. Easy and fast to assemble, low profiled sheets are a perfect choice when both speed of construction and functionality are key.



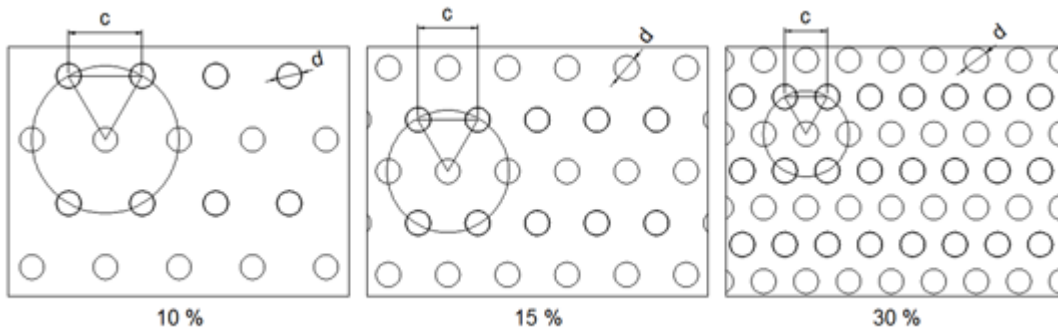


# Properties



Model name	Low Profile T20-42S-1070
Effective width	1070 mm
Depth	18 mm
Width of valley	42 mm
Width of crown	42 mm
Minimum length	650 mm
Maximum length	12000 mm

## Perforation layout



10 % perforation, hole size  $d = 4$  mm, centres  $c = 12$  mm

15 % perforation, hole size  $d = 4$  mm, centres  $c = 10$  mm

30 % perforation, hole size  $d = 4$  mm, centres  $c = 7$  mm

40 % perforation, hole size  $d = 5$  mm, centres  $c = 7.5$  mm

## Materials

Material	Material thickness (mm)	Weight (kg/m <sup>2</sup> )	Surface treatment
Steel	0.45	4.13	Polyester

Steel	0.5	4.59	Galvanized
Steel	0.5	4.59	Polyester
Steel	0.6	5.50	Galvanized
Steel	0.6	5.50	Polyester
Steel	0.6	5.50	GreenCoat Hiarc

## Coatings and colors

Colour chart	Coating	Colour
Standard	GreenCoat HIARC (steel)	RR20, RR21, RR23, RR40, RR41, RR42, RR43
	GreenCoat HIARC Matt (steel)	RR40, RR41, RR45
Extended	GreenCoat HIARC (steel)	RR22, RR24, RR26, RR29, RR32, RR33, RR34, RR35, RR44, RR45, RR750 <b>More RR colours</b>
	PVDF (aluminium)	Most common RAL colours
	Powder paint (steel&aluminium)	<b>RAL colours</b>

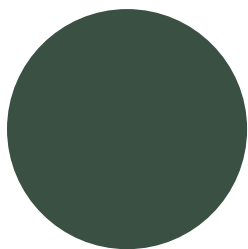
Minimum order sizes:

Standard chart: No limitations

Extended chart:

- GreenCoat HIARC (steel): 100m<sup>2</sup>
- PVDF (aluminium): 500 m<sup>2</sup>
- Powder paint (steel&aluminium): 100m<sup>2</sup>

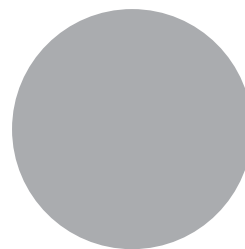
## Colours



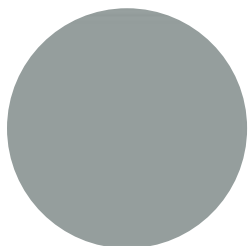
RR 11 Spruce Green



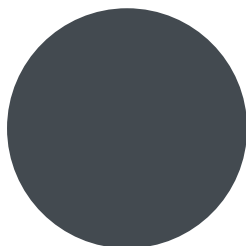
RR20 White



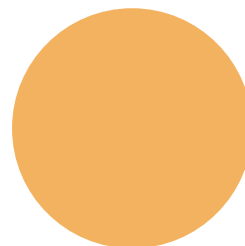
RR21 Light Grey



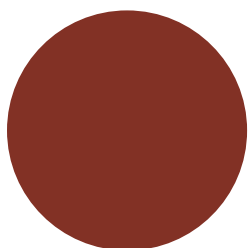
RR22 Grey



Graphite ~ RAL 7024



RR24 Light Yellow



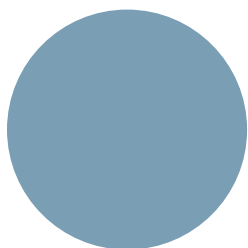
RR29 Red



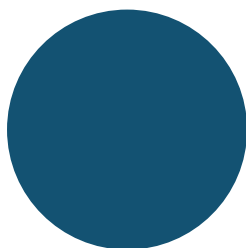
RR32 Dark Brown



RR33 Black



RR34 Light Blue



RR35 Blue



RR40 Silver matt



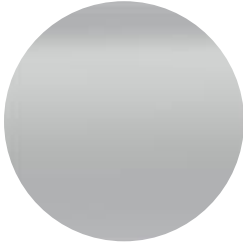
RR41 Dark silver matt



RR45 Metallic graphite



RR750 Tile Red



RR946 Metallic silver

## BIM objects



### 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.

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## Download documents

### Declaration of performance

Design profile S18:



**Declaration of Performance 28/PP/VIM - Low profiles**

PDF, 233.1 KB

Other design profiles:



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

PDF, 48.8 KB

Cor-Ten design profiles:



**Ruukki Cor-Ten facades - Certification**

PDF, 31.8 KB

## Order form



**Ruukki Design Profile order form\_2.2**

XLSM, 0.6 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



**EN\_Cladding\_Accessories\_02\_2020**

PDF, 3.6 MB



**Profiled sheets and purlins accessories 05\_2022**

PDF, 0.8 MB

# References