DECLARATION OF PERFORMANCE
No. 12/LBS/VIM

1. Unique identification code of product-type:
   Load bearing products: trapezoidal sheets, light weight purlins, thermo purlins

Light weight purlin LP-Z100	Thermo purlin LPT-Z100	Light weight purlin LP-L50
Light weight purlin LP-Z120	Thermo purlin LPT-Z125	Light weight purlin LP-L70
Light weight purlin LP-Z150	Thermo purlin LPT-Z150	Light weight purlin LP-L100
Light weight purlin LP-Z200	Thermo purlin LPT-Z175	Kantbalk KTB-T70
Light weight purlin LP-Z250	Thermo purlin LPT-Z200	Kantbalk KTB-T130
Light weight purlin LP-Z300	Thermo purlin LPT-Z225	Kantbalk KTB-T153
Light weight purlin LP-Z350	Thermo purlin LPT-Z250	Load bearing sheet T45-30L-905
Light weight purlin LP-C100	Thermo purlin LPT-Z300	Load bearing sheet T45-30LW-905
Light weight purlin LP-C120	Thermo purlin LPT-Z350	Load bearing sheet T45-30L-905 arched
Light weight purlin LP-C150	Thermo purlin LPT-C100	Load bearing sheet T70-57L-846
Light weight purlin LP-C200	Thermo purlin LPT-C125	Load bearing sheet T70-57L-1058
Light weight purlin LP-C250	Thermo purlin LPT-C150	Load bearing sheet T130M-75L-930
Light weight purlin LP-C300	Thermo purlin LPT-C175	Load bearing sheet T153-40L-840
Light weight purlin LP-C350	Thermo purlin LPT-C200	Composite profile CS48-36-750
Light weight purlin LP-S150	Thermo purlin LPT-C225	Ventilating steel batten RA5453700
Light weight purlin LP-S175	Thermo purlin LPT-C250	
Light weight purlin LP-S200	Thermo purlin LPT-C300	
Light weight purlin LP-S250	Thermo purlin LPT-C350	
Light weight purlin LP-S300	Thermo purlin LPT-U100	
Light weight purlin LP-S400	Thermo purlin LPT-U104	
Light weight purlin LP-H100	Thermo purlin LPT-U125	
Light weight purlin LP-H125	Thermo purlin LPT-U129	
Light weight purlin LP-H150	Thermo purlin LPT-U150	
Light weight purlin LP-H200	Thermo purlin LPT-U154	
Light weight purlin LP-H250	Thermo purlin LPT-U175	
Light weight purlin LP-U100	Thermo purlin LPT-U179	
Light weight purlin LP-U104	Thermo purlin LPT-U200	
Light weight purlin LP-U150	Thermo purlin LPT-U204	
Light weight purlin LP-U154	Thermo purlin LPT-U225	
Light weight purlin LP-U200	Thermo purlin LPT-U229	
Light weight purlin LP-U204	Thermo purlin LPT-U250	
Light weight purlin LP-U250	Thermo purlin LPT-U254	
Light weight purlin LP-U254	Thermo purlin LPT-U300	
Light weight purlin LP-U300	Thermo purlin LPT-U304	
Light weight purlin LP-U304	Thermo purlin LPT-U350	
	Thermo purlin LPT-U354	
	Thermo purlin LPT-UL65	

2. Intended use: Load bearing products to be used as construction products

3. Manufacturer: Ruukki Construction Oy
   Kalkkimäentie 1, FI – 62800 Vimpeli
   Finland

4. Authorized representative: Not applicable

5. AVCP level:	all properties: 2+
6a. Harmonised standard:	EN 1090-1:2009+A1:2011 "Execution of steel structures and aluminium structures. Requirements for conformity assessment of structural components"
Notified body:	Inspecta Sertifiointi Oy (0416) Certificate of Factory Production Control 0416-CPR-6568-02
7. Declared performances:	Technical product characteristics of specified product configuration are available in attachment to this Declaration of Performance.

The performance of the product identified above is in conformity with the set of declared performances.
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Adam Korol
Senior Vice President, Operations & Processes
Ruukki Construction

Helsinki 09.03.2016

Attachment No. 1 to Declaration of Performance 12/LBS/VIM – Light weight purlins

Manufacturer: Ruukki Construction Oy
Kalkkimäentie 1, FI – 62800 Vimpeli
Finland

Product / Declared value	Light weight purlins LP-Z100 LP-Z120 LP-Z150 LP-Z200 LP-Z250 LP-Z300 LP-Z350	Light weight purlins LP-C100 LP-C120 LP-C150 LP-C200 LP-C250 LP-C300 LP-C350	Light weight purlins LP-S150 LP-S175 LP-S200 LP-S250 LP-S300 LP-S400	Light weight purlins LP-H100 LP-H125 LP-H150 LP-H200 LP-H250	Light weight purlins LP-L50 LP-L70 LP-L100 LP-U100 LP-U104 LP-U150 LP-U154 LP-U200 LP-U204 LP-U250 LP-U254 LP-U300 LP-U304	Light weight purlins Kantbalk KTB-T70 KTB-T130 KTB-T153
Reference to European Standard:	EN 1090-1:2009+A1:2011 “Execution of steel structures and aluminium structures. Requirements for conformity assessment of structural components”					
Year when CE mark was affixed:	13	13	13	13	16	14
Certificate of conformity:	Inspecta Sertifiointi Oy 0416-CPR-6568-02					
Material grades:	S350GD+Z275	S350GD+Z275	S350GD+Z275	S350GD+Z275	S350GD+Z275	S350GD+Z275
Material thicknesses (mm):	1,0; 1,2 1,5; 2,0	1,0; 1,2 1,5; 2,0	1,0; 1,2; 1,5 2,0; 2,5; 3,0	1,0; 1,2 1,5; 2,0	1,0; 1,2 1,5; 2,0	1,0; 1,2; 1,5 2,0; 2,5; 3,0
Durability:	Plain galvanized Z275 (EN 10346)					
Intended use:	Load bearing products to be used as construction products					
Tolerances on dimension and shape:	EN 1090-2 Roll formed products EN 10162 Press-braked products EN 1090-2, D2.2					
Weldability:	NPD					
Fracture toughness, Impact resistance:	NPD					
Fatigue strength:	NPD					
Resistance to fire:	NPD					
Reaction to fire:	Plain galvanized Z275: A1 (CWFT)					
Release of cadmium and its compounds:	NPD					
Emission of radioactivity:	NPD					
Component specification:	Material: EN 10346, tolerances acc. to EN 10143, (S) tolerances Design: NPD Manufacturing: according to product drawing published on www.ruukki.com and EN 1090-2, Execution class EXC2					

Detailed product/material specification is given on order confirmation or delivery documentation.

Attachment No. 2 to Declaration of Performance 12/LBS/VIM – Thermo purlins

Manufacturer: Ruukki Construction Oy
Kalkkimäentie 1, FI – 62800 Vimpeli
Finland

Product / Declared value	Thermo purlins LPT-Z100 LPT-Z125 LPT-Z150 LPT-Z175 LPT-Z200 LPT-Z225 LPT-Z250 LPT-Z300 LPT-Z350	Thermo purlins LPT-C100 LPT-C125 LPT-C150 LPT-C175 LPT-C200 LPT-C225 LPT-C250 LPT-C300 LPT-C350	Thermo purlins LPT-U100 LPT-U104 LPT-U125 LPT-U129 LPT-U150 LPT-U154 LPT-U175 LPT-U179	Thermo purlins LPT-U200 LPT-U204 LPT-U225 LPT-U229 LPT-U250 LPT-U254 LPT-U300 LPT-U304 LPT-U350 LPT-U354	Thermo purlins LP-UL65	Ventilating steel batten RA5453700
Reference to European Standard:	EN 1090-1:2009+A1:2011 “Execution of steel structures and aluminium structures. Requirements for conformity assessment of structural components”					
Year when CE mark was affixed:	13	13	13	13	14	14
Certificate of conformity:	Inspecta Sertifiointi Oy 0416-CPR-6568-02					
Material grades:	S350GD+Z275	S350GD+Z275	S350GD+Z275	S350GD+Z275	S350GD+Z275	S350GD+Z275
Material thicknesses (mm):	1,0; 1,2 1,5; 2,0	1,0; 1,2 1,5; 2,0	1,0; 1,2; 1,5 2,0; 2,5; 3,0	1,0; 1,2 1,5; 2,0	1,0; 1,2 1,5; 2,0	0,70
Durability:	Plain galvanized Z275 (EN 10346)					
Intended use:	Load bearing products to be used as construction products					
Tolerances on dimension and shape:	EN 1090-2 Roll formed products EN 10162 Press-braked products EN 1090-2, D2.2					
Weldability:	NPD					
Fracture toughness, Impact resistance:	NPD					
Fatigue strength:	NPD					
Resistance to fire:	NPD					
Reaction to fire:	Plain galvanized Z275: A1 (CWFT)					
Release of cadmium and its compounds:	NPD					
Emission of radioactivity:	NPD					
Component specification:	Material: EN 10346, tolerances acc. to EN 10143, (S) tolerances Design: NPD Manufacturing: according to product drawing published on www.ruukki.com and EN 1090-2, Execution class EXC2					

Detailed product/material specification is given on order confirmation or delivery documentation.

Attachment No. 3 to Declaration of Performance 12/LBS/VIM – Load bearing sheets

Manufacturer: Ruukki Construction Oy
Kalkkimäentie 1, FI – 62800 Vimpeli
Finland

Product / Declared value	Load bearing sheet T45-30L-905 T45-30LW-905 T45-30L-905 arched	Load bearing Sheet T70-57L-846 T70-57L-1058	Load bearing sheet T130M-75L-930	Load bearing sheet T153-40L-840	Composite profile CS48-36-750
Reference to European Standard:	EN 1090-1:2009+A1:2011 “Execution of steel structures and aluminium structures. Requirements for conformity assessment of structural components”				
Year when CE mark was affixed:	12	12	16	12	12
Certificate of conformity:	Inspecta Sertifiointi Oy 0416-CPR-6568-02				
Material grades:	S280GD+Z275 S350GD+Z275	S280GD+Z275 S280GD+Z100 S350GD+Z275 S350GD+Z100 S420GD+Z275 S420GD+Z100	S350GD+Z275 S350GD+Z100 S420GD+Z275 S420GD+Z100	S350GD+Z275 S350GD+Z100 S420GD+Z275 S420GD+Z100	S350GD+Z275
Material thicknesses (mm):	0,60; 0,70; 0,90	0,60; 0,65 0,70; 0,80 0,90; 1,00	0,65; 0,70 0,80; 0,90 1,00; 1,20; 1,50	0,65; 0,70 0,80; 0,90 1,00; 1,20; 1,50	0,70; 0,90; 1,10
Durability:	Plain galvanized Z275 (EN 10346), Polyester 15 µm (EN 10169), Polyester 25 µm (EN 10169), Pural 50 µm (EN 10169), Pural matt 50 µm (EN 10169)				
Intended use:	Load bearing products to be used as construction products				
Tolerances on dimension and shape:	EN 1090-2 Roll formed products EN 508-1, Annex D				
Weldability:	NPD				
Fracture toughness, Impact resistance:	NPD				
Fatigue strength:	NPD				
Resistance to fire:	NPD				
Reaction to fire:	Plain galvanized Z275: A1 (CWFT), Polyester 15 µm: A1 (CWFT), Polyester 25 µm: A1, Pural 50 µm: A2-s2, d0, Pural matt 50 µm: A2-s2, d0				
Release of cadmium and its compounds:	NPD				
Emission of radioactivity:	NPD				
Component specification:	Material: EN 10346, tolerances acc. to EN 10143, (S) tolerances Design: NPD Manufacturing: according to product drawing published on www.ruukki.com and EN 1090-2, Execution class EXC2				

Detailed product/material specification is given on order confirmation or delivery documentation.