



DECLARATION OF PERFORMANCE No. 51/LBS/VIM

1. Unique identification code of product-type:
D002.A00219 Special purlin
2. Intended use: Cold-formed purlin for roof, ceiling, floor or wall applications
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-6568-04
7. Declared performances: Technical product characteristics of specified product configuration are available in attachments 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
Building Components

Helsinki 02.03.2020

Attachment No. 1 to Declaration of Performance 51/LBS/VIM

Special purlin

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

Product Declared value	D002.A00219 Special purlin
Year when CE mark was affixed:	20
Material grades:	S350GD+Z275
Material thicknesses (mm):	1,0; 1,2; 1,5; 2,0; 2,5; 3,0
Durability:	Materials according to EN 10346: 2015: Plain galvanized Z275
Structural characteristics:	Load bearing capacity: NPD Deformation at serviceability limit state: NPD
Tolerances on dimension and shape:	EN 1090-4: 2018
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: 2015, tolerances acc. to EN 10143: 2006, (S) tolerances Design: NPD Manufacturing: Method 3a According to the technical documentation attached to sales order and EN1090-4:2018 Execution class EXC3

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