



དབལ་ལྷན་འབྲུག་གཞུང་། འབམ་རྟོག་ལྷན་ཁག།  
ROYAL GOVERNMENT OF BHUTAN  
MINISTRY OF WORKS & HUMAN SETTLEMENT  
DEPARTMENT ENGINEERING SERVICES  
THIMPHU: BHUTAN



"Construction Industry: Solutions through innovation and improved technology"

DES/EARRD/BSR-02/2020-2021/ 1990

9<sup>th</sup> June, 2021

### Addendum to BSR - 2021

The Department of Engineering Services, Ministry of Works and Human Settlements have added the following three new items and correction in the Bhutan Schedule of Rates - 2021.

#### New Items:

- RF0004 Providing & fixing Pre-painted Galvalume (PPGL) sheeting, including necessary accessories for fixing sheet (excluding the cost of purlins, rafter and trusses) - 25g
- RF0008 Providing & fixing 600 mm ridges or hips in Pre-painted Galvalume (PPGL) including necessary accessories for fixing sheet - 25g
- RF0011 Providing & fixing 600 mm overall, Pre-painted Galvalume (PPGL) gutter, including brackets, bolts, nuts, washers & rain water pipes connections, excluding the cost of pipes - 25 g sheet

#### Correction:

- Pre Painted steel corrugated roofing sheet must be read as **Pre-painted Galvanised Iron (PPGI)** sheet for item codes RF0003 and RF0007.

In this regard, the Department has published the following Addendums to Bhutan Schedule of Rates - 2021 on the Ministry's website.

1. Labour and Material Coefficients of new item
2. The basic rates of new item
3. Built - up rates of new item

These addendums can be downloaded from the Ministry's website.

The specifications of work for these items shall be in accordance with section 5.15.1 of the Specifications for Building and Road Works - 2021.

(Karma Dupchuk)  
**DIRECTOR**

Cc:

1. The Chief Engineer, EARRD, DES for information and necessary action

Code	Description	Units	PL	GP	SJ	TH
Chapter 15: ROOFING						
<b>CGI /PPGL Sheeting</b>						
Code	Description	Units	PL	GP	S/J	TH
Providing & fixing Pre-painted Galvalume (PPGL) sheeting, including necessary accessories excluding the cost of purlins, rafter and trusses - 25g						
RF0004	25 g (0.5 mm)	sq.m	1033.57	1072.04	1097.68	1072.04
Providing & fixing 600 mm overall width Pre-painted Galvalume (PPGL) ridges or hips including necessary accessories - 25g						
RF0008	25 g (0.5 mm)	m	744.02	767.94	767.94	777.51
Providing & fixing 600 mm overall width Pre-painted Galvalume (PPGL) gutter, including brackets, bolts, nuts, washers & rain water pipes connections, excluding the cost of pipes - 25 g sheet						
RF00011	25 g (0.5 mm)	m	739.04	782.86	772.76	809.20

Code	Description	Units	PL	GP	S/J	TH
<b>BASIC RATES - ROOFING MATERIALS</b>						
MT0279	Pre - painted Galvalume (PPGL) - 25 g (0.5 mm)	tonne	11225.00	116868.80	119964.66	116868.80
MT0312	Pre - painted Galvalume (PPGL) ridge - 25 g(0.5 mm), 600 mm wide overall, 2.44 m	each	985.00	1035.00	1035.00	1055.00
MT0313	Pre - painted Galvalume (PPGL) gutter - 25 g (0.5 mm), 600 mm wide overall, 2.44 m length	each	985.00	1035.00	1035.00	1055.00

## CHAPTER 15 ROOFING

**RF0004 Providing & fixing Pre-painted Galvalume (PPGL) sheeting, including necessary accessories excluding the cost of purlins, rafter and trusses - 25g**

Coefficient for per sq.m

Code	Description	Quant	Units
LB0033	Carpenter Gd.2	0.08054	day
LB0039	Work Supervisor (Lajab)	0.00690	day
LB0077	labourer	0.07371	day
MT0279	Pre - painted Galvalume (PPGL) -25 g (0.5 mm)	0.00710	tonne

**RF0008 Providing & fixing 600 mm overall width Pre-painted Galvalume (PPGL) ridges or hips including necessary accessories - 25g**

Coefficient for per m

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.18485	day
LB0039	Work Supervisor (Lajab)	0.03682	day
LB0077	labourer	0.20358	day
MT0312	Pre - painted Galvalume (PPGL) ridge - 25 g(0.5 mm), 600 mm wide overall	0.41010	each

**RF0011 Providing & fixing 600 mm overall, Pre - painted Galvalume (PPGL) gutter, including brackets, bolts, nuts, washers & rain water pipes connections, excluding the cost of pipes - 25 g sheet**

Coefficient for per m

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08897	day
LB0033	Carpenter Gd.2	0.06619	day
LB0039	Work Supervisor (Lajab)	0.02424	day
LB0077	labourer	0.16286	day
MT0182	Rolled sections (250 MPa) - Flats	0.83000	kg
MT0313	Pre - painted Galvalume (PPGL) gutter - 25 g(0.5 mm), 600 mm wide overall	0.41010	each