

## RIS - marzec 2021

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- Gravity **24.4 BLG**
- ABV **11.3 %**
- IBU **60**
- SRM **46.1**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.5 liter(s)**
- Total mash volume **20.7 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (77.2%)	80 %	5
Grain	Pszeniczny	0.5 kg (9.7%)	85 %	4
Grain	Strzegom Karmel 600	0.25 kg (4.8%)	68 %	601
Grain	Jęczmień palony	0.2 kg (3.9%)	55 %	985
Grain	Strzegom Czekoladowy jasny	0.1 kg (1.9%)	68 %	400
Grain	Fawcett - Pszeniczny Czekoladowy	0.13 kg (2.5%)	73 %	1001

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	30 g	70 min	13.5 %
Boil	Sybilla	30 g	4 min	4.5 %