

## ris

---

- Gravity **25.1 BLG**
- ABV **11.7 %**
- IBU **58**
- SRM **63.1**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **15.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19.6 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.7 liter(s) / kg**
- Mash size **23.6 liter(s)**
- Total mash volume **32.4 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	5 kg (57.1%)	80 %	7
Grain	Płatki owsiane	1.5 kg (17.1%)	60 %	3
Grain	Czekoladowy	0.5 kg (5.7%)	60 %	788
Grain	Strzegom Czekoladowy ciemny	0.5 kg (5.7%)	68 %	1200
Grain	Jęczmień palony	0.25 kg (2.9%)	55 %	985
Grain	Biscuit Malt	1 kg (11.4%)	79 %	45

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	50 g	60 min	13.5 %