

RIsis

- Gravity **24.4 BLG**
- ABV **11.3 %**
- IBU **47**
- SRM **51.1**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **21.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **28.4 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **26.2 liter(s)**
- Total mash volume **39.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Maris Otter Crisp	5 kg (38.2%)	83 %	6
Grain	Briess - Pilsen Malt	2 kg (15.3%)	80.5 %	2
Grain	Płatki owsiane	1.5 kg (11.5%)	85 %	3
Grain	Strzegom Wiedeński	1 kg (7.6%)	79 %	10
Grain	Strzegom Monachijski typ II	1 kg (7.6%)	79 %	22
Grain	Pszeniczny	1 kg (7.6%)	85 %	4
Grain	Special B Malt	0.5 kg (3.8%)	65.2 %	315
Grain	Fawcett - Pszeniczny Czekoladowy	0.5 kg (3.8%)	73 %	1001
Grain	Jęczmień palony	0.4 kg (3.1%)	55 %	985
Grain	Extra black	0.2 kg (1.5%)	65 %	1400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Pacific Gem	50 g	60 min	15.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	23 g	Fermentis