

RISIWO

- Gravity **21.6 BLG**
- ABV **9.7 %**
- IBU **56**
- SRM **52.8**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **105 min**
- Evaporation rate **10 %/h**
- Boil size **20.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.72 liter(s) / kg**
- Mash size **18.5 liter(s)**
- Total mash volume **25.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4.1 kg (60.3%)	80 %	5
Grain	Jęczmień palony	0.5 kg (7.4%)	55 %	985
Grain	Fawcett - Pszeniczny Czekoladowy	0.35 kg (5.1%)	73 %	1001
Grain	Karmelowy Pszeniczny Strzegom	0.2 kg (2.9%)	79 %	130
Grain	Weyermann - Carawheat	0.5 kg (7.4%)	77 %	97
Grain	Płatki owsiane	0.8 kg (11.8%)	85 %	3
Grain	Płatki orkiszowe	0.3 kg (4.4%)	80 %	4
Grain	Strzegom pszenica prażona	0.05 kg (0.7%)	70 %	1000

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	45 g	60 min	11 %
Boil	lunga	5 g	50 min	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	22 g	Safale