

Risky

- Gravity **24.2 BLG**
- ABV ---
- IBU **109**
- SRM **105.5**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27 liter(s)**
- Total mash volume **36 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (55.6%)	85 %	6
Grain	Caramunich III	1 kg (11.1%)	80 %	150
Grain	Caraaroma	1 kg (11.1%)	78 %	400
Grain	Słód Pszemiczny Crystal	0.5 kg (5.6%)	75 %	150
Grain	Strzegom Czekoladowy ciemny	0.5 kg (5.6%)	68 %	1200
Grain	Słód Palony Black	0.5 kg (5.6%)	78 %	1350
Grain	Słód Kawowy	0.5 kg (5.6%)	80 %	250

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	100 g	60 min	13.5 %
Boil	Lublin (Lubelski)	50 g	10 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis