

RIS a'ala gravedigger

- Gravity **28.1 BLG**
- ABV **13.6 %**
- IBU **94**
- SRM **63.3**
- 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 **90 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **36 liter(s)**
- Total mash volume **48 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (41.7%)	79 %	6
Grain	Strzegom Monachijski typ II	2 kg (16.7%)	79 %	22
Grain	Strzegom Monachijski typ I	2 kg (16.7%)	79 %	16
Grain	Strzegom Czekoladowy ciemny	1 kg (8.3%)	68 %	1200
Grain	Carafa II	0.5 kg (4.2%)	70 %	812
Grain	Płatki owsiane	1.5 kg (12.5%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	75 g	70 min	11.2 %
Boil	Marynka	50 g	70 min	10 %
Boil	Magnat	25 g	30 min	11.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
us-02	Ale	Dry	20 g	---

Extras

Type	Name	Amount	Use for	Time
Other	expresso	2 g	Secondary	30 day(s)