

RIS

- Gravity **25.7 BLG**
- ABV **12.1 %**
- IBU **80**
- SRM **71.2**
- 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 **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **42 liter(s)**
- Total mash volume **52.5 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	7 kg (66.7%)	79 %	6
Grain	Strzegom Karmel 300	1 kg (9.5%)	70 %	299
Grain	Strzegom Czekoladowy ciemny	1 kg (9.5%)	68 %	1200
Grain	Jęczmień palony	0.5 kg (4.8%)	55 %	985
Grain	Płatki owsiane	0.5 kg (4.8%)	85 %	3
Grain	Strzegom Monachijski typ I	0.5 kg (4.8%)	79 %	16

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	60 g	60 min	15.5 %
Aroma (end of boil)	Warrior	40 g	15 min	15.5 %