

Stalin

- Gravity **19.4 BLG**
- ABV ---
- IBU **93**
- SRM **40**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **22.5 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **28.5 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25 liter(s)**
- Total mash volume **33.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (59.9%)	79 %	6
Grain	Strzegom Monachijski typ I	1 kg (12%)	79 %	16
Grain	Strzegom Barwiący	0.4 kg (4.8%)	68 %	1300
Grain	Czekoladowy	0.2 kg (2.4%)	60 %	788
Grain	Jęczmień palony	0.35 kg (4.2%)	55 %	985
Grain	Strzegom pszeniczny	0.6 kg (7.2%)	81 %	6
Grain	Strzegom Karmel 150	0.8 kg (9.6%)	75 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	50 g	60 min	15 %
Boil	Columbus/Tomahawk/Zeus	20 g	30 min	15 %
Boil	Columbus/Tomahawk/Zeus	30 g	15 min	15 %