

Asfalt

- Gravity **24.9 BLG**
- ABV **11.6 %**
- IBU **64**
- SRM **49.2**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17 liter(s)**
- Total mash volume **22.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2.5 kg (44.2%)	80 %	4
Grain	Strzegom Monachijski typ I	1.75 kg (31%)	79 %	16
Grain	Jęczmień palony	0.3 kg (5.3%)	55 %	985
Grain	Caraaroma	0.25 kg (4.4%)	78 %	400
Grain	Caramunich® typ I	0.25 kg (4.4%)	73 %	80
Grain	Płatki pszeniczne	0.2 kg (3.5%)	85 %	3
Grain	Płatki owsiane	0.2 kg (3.5%)	85 %	3
Grain	Weyermann - Carafa I	0.2 kg (3.5%)	70 %	690

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	40 g	110 min	10 %
Boil	Lublin (Lubelski)	30 g	10 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	Safale