

asfaltowy stout

- Gravity **15.2 BLG**
- ABV ---
- IBU **37**
- SRM **48.3**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.3 liter(s)**
- Total mash volume **24.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Casle Malting Whisky Nature	3 kg (49.2%)	85 %	4
Grain	Viking Pale Ale malt	2.5 kg (41%)	80 %	5
Grain	Strzegom Czekoladowy ciemny	0.5 kg (8.2%)	68 %	1200
Grain	Jęczmień palony	0.1 kg (1.6%)	55 %	985

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	30 g	60 min	11.5 %
Boil	East Kent Goldings	30 g	5 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	200 ml	Fermentis