

asfaltowy stout(small)

- Gravity **21.3 BLG**
- ABV ---
- IBU **41**
- SRM **41**
- Style **Foreign Extra 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 **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.9 liter(s)**
- Total mash volume **15.8 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Casle Malting Whisky Nature	2 kg (50.6%)	85 %	4
Grain	Viking Pale Ale malt	1.6 kg (40.5%)	80 %	5
Grain	Strzegom Czekoladowy ciemny	0.25 kg (6.3%)	68 %	1200
Grain	Jęczmień palony	0.1 kg (2.5%)	55 %	985

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	60 min	11.5 %
Boil	East Kent Goldings	15 g	5 min	4.5 %

Yeasts

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