

## Foreign Smoked Stout 16Blg

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- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **48**
- SRM **51.1**
- Style **Foreign Extra Stout**

### Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **20.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **22.4 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.3 kg (58.9%)	80 %	5
Grain	Wędzony bukiem Viking Malt	1 kg (17.9%)	82 %	10
Grain	Brown Malt (British Chocolate)	0.3 kg (5.4%)	70 %	128
Grain	Strzegom Czekoladowy ciemny	0.3 kg (5.4%)	68 %	1200
Grain	Chocolate Malt (UK)	0.3 kg (5.4%)	73 %	887
Grain	Jęczmień palony	0.4 kg (7.1%)	55 %	985

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Target	40 g	60 min	10.5 %

### Yeasts

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