

Ordinary Bitter

- Gravity **8.8 BLG**
- ABV **3.4 %**
- IBU **52**
- SRM **6.7**
- Style **Standard/Ordinary Bitter**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.2 kg (91.4%)	80 %	5
Grain	Strzegom Karmel 150	0.3 kg (8.6%)	75 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Challenger	45 g	60 min	7 %
Boil	Fuggles	25 g	25 min	4.5 %
Aroma (end of boil)	Fuggles	20 g	5 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM 52 - Wozem Jestem	Ale	Liquid	1500 ml	Fermentum Mobile