

Extra EPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **33**
- SRM **6.3**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

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 **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale Viking malt	5 kg (86.2%)	80 %	5
Grain	Karmelowy Czerwony Viking malt	0.5 kg (8.6%)	75 %	50
Grain	Płatki owsiane	0.3 kg (5.2%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings UK	50 g	60 min	4.7 %
Aroma (end of boil)	East Kent Goldings UK	50 g	10 min	4.7 %
Dry Hop	East Kent Goldings UK	50 g	5 day(s)	4.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM12 W szkocką kratę	Ale	Liquid	100 ml	Fermentum Mobile