

EPA

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **46**
- SRM **5.6**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4.5 liter(s) / kg**
- Mash size **25.9 liter(s)**
- Total mash volume **31.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (87%)	80 %	5
Grain	Karmelowy Jasny 30EBC	0.375 kg (6.5%)	75 %	30
Grain	Strzegom Bursztynowy	0.375 kg (6.5%)	70 %	49

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Challenger	63 g	60 min	7 %
Aroma (end of boil)	East Kent Goldings	63 g	5 min	5.1 %