

Wee-heavy

- Gravity **19.6 BLG**
- ABV **8.6 %**
- IBU **24**
- SRM **8**
- Style **Strong Scotch Ale**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27.8 liter(s)**
- Total mash volume **37 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	7 kg (75.7%)	79 %	6
Grain	Strzegom Golden Ale	1.5 kg (16.2%)	80 %	10
Grain	Melanoiden Malt	0.5 kg (5.4%)	80 %	39
Grain	Strzegom Karmel 30	0.25 kg (2.7%)	75 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	65 g	60 min	5.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's -M15 Empire Ale	Ale	Slant	500 ml	Mangrove Jack's