Whisky FES

- Gravity 18.7 BLG
- ABV ----
- IBU **37**
- SRM 46.9
- Style Foreign Extra Stout

Batch size

- Expected quantity of finished beer 12 liter(s)
- Trub loss 17 %
- Size with trub loss 14 liter(s)
- · Boil time 60 min
- Evaporation rate 1 %/h
- Boil size 14.3 liter(s)

Mash information

- Mash efficiency 87 %
- Liquor-to-grist ratio 3 liter(s) / kg
- Mash size 12.9 liter(s)
- Total mash volume 17.2 liter(s)

Steps

- Temp 66 C, Time 45 min
 Temp 70 C, Time 15 min

Mash step by step

- Heat up 12.9 liter(s) of strike water to 73.7C
- Add grains
- Keep mash 45 min at 66C
- Keep mash 15 min at 70C
- Sparge using 5.7 liter(s) of 76C water or to achieve 14.3 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	1.5 kg <i>(34.9%)</i>	80 %	3
Grain	Peat Smoked Malt	2 kg <i>(46.5%)</i>	74 %	6
Grain	Brown Malt (British Chocolate)	0.2 kg <i>(4.7%)</i>	70 %	128
Grain	Strzegom Czekoladowy 1200	0.2 kg <i>(4.7%)</i>	68 %	1200
Grain	Jęczmień palony	0.4 kg (9.3%)	55 %	985

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	26 g	60 min	10 %

Yeasts

Name	Туре	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Slant	40 ml	Danstar

Extras

Туре	Name	Amount	Use for	Time
71.				_

Other Płatki amerykańskie HEAVY	26 g	Secondary	10 day(s)
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