

koziół z dymu

- Gravity **17.3 BLG**
- ABV **7.4 %**
- IBU **27**
- SRM **17.9**
- Style **Weizenbock**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **28 liter(s)**
- Total mash volume **35 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Wędzony bukiem	2.2 kg (31.4%)	82 %	10
Grain	Pszeniczny	2.5 kg (35.7%)	85 %	4
Grain	Strzegom Monachijski typ II	1 kg (14.3%)	79 %	22
Grain	Karmelowy żytni Strzegom	0.4 kg (5.7%)	75 %	188
Grain	Jęczmień palony	0.1 kg (1.4%)	55 %	985
Grain	Viking Melanoidynowy	0.3 kg (4.3%)	75 %	60
Grain	Płatki owsiane	0.5 kg (7.1%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Herkules	20 g	60 min	14 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	40 ml	Fermentum Mobile