turbonegro

- Gravity **18.7 BLG**
- ABV **---**
- IBU **54**
- SRM **62.2**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **28 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **35.4 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **27 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	6 kg *(66.7%)*	79 %	6
Grain	Fawcett - Pszeniczny Czekoladowy	1 kg *(11.1%)*	73 %	1001
Grain	Jęczmień palony	0.5 kg *(5.6%)*	55 %	985
Grain	kawowy	1 kg *(11.1%)*	75 %	420
Grain	Caraaroma	0.5 kg *(5.6%)*	78 %	400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Pacific Gem	30 g	60 min	15.3 %
Boil	Fuggles	50 g	40 min	4.5 %
Boil	Fuggles	50 g	20 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM11 Wichrowe Wzgórza	Ale	Liquid	30 ml	Fermentum Mobile