ESB 2022

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **40**
- SRM **8.3**
- 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 **27.3 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **33.5 liter(s)**

Mash information

- Mash efficiency **87 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **27 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg *(74.1%)*	80 %	5
Grain	Karmelowy Pszeniczny Strzegom	0.5 kg *(7.4%)*	79 %	130
Grain	Biscuit Malt	0.25 kg *(3.7%)*	79 %	50
Grain	Pszeniczny	1 kg *(14.8%)*	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Challenger	50 g	60 min	6.1 %
Boil	East Kent Goldings	50 g	30 min	5.1 %
Aroma (end of boil)	East Kent Goldings	50 g	2 min	5 %

Extras

Type	Name	Amount	Use for	Time
Fining	whirlfoc	2 g	Boil	10 min