

## Bitter w toku

---

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **23**
- SRM **3.7**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

### Batch size

- Expected quantity of finished beer **20.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.9 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.4 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Wiking malt	5 kg (90.9%)	80 %	---
Grain	Cookie	0.5 kg (9.1%)	--- %	55

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook pl	25 g	60 min	8.8 %