

Bla bla bla

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **30**
- SRM **12.6**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **15 min**

Mash step by step

- Heat up **15.9 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **15 min** at **72C**
- Sparge using **14.7 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (94.3%)	79 %	6
Grain	Strzegom Czekoladowy jasny	0.3 kg (5.7%)	68 %	400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	20 g	60 min	11 %
Boil	Oktawia	20 g	15 min	7.1 %
Boil	Oktawia	25 g	0 min	7.1 %

Extras

Type	Name	Amount	Use for	Time
Finning	Mech Irlandzki	4 g	Boil	10 min