

Zatecky

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **36**
- SRM **4.4**
- Style **Bohemian Pilsener**

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 **10 %/h**
- Boil size **24.2 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **25 liter(s)**

Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **20 liter(s)** of strike water to **70.6C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **0 min** at **78C**
- Sparge using **9.2 liter(s)** of **76C** water or to achieve **24.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4 kg (80%)	81 %	4
Grain	Strzegom Wiedeński	1 kg (20%)	79 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	40 g	60 min	4.1 %
Boil	Saaz (Czech Republic)	20 g	5 min	4.1 %
Boil	Amora Preta	20 g	5 min	11.2 %
Boil	Książęcy	20 g	5 min	7.2 %
Whirlpool	Amora Preta	15 g	10 min	11.2 %
Whirlpool	Książęcy	15 g	10 min	7.2 %
Whirlpool	Saaz (Czech Republic)	20 g	10 min	4.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	11.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Fining	whirflock	5 g	Boil	10 min