

American Pils

- Gravity **14.5 BLG**
- ABV ---
- IBU **40**
- SRM **4.2**
- Style **Classic American Pilsner**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

Steps

- Temp **65 C**, Time **70 min**

Mash step by step

- Heat up **15.9 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **70 min** at **65C**
- Sparge using **15.1 liter(s)** of **76C** water or to achieve **25.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4 kg (75.5%)	80 %	4
Grain	Corn, Flaked	1 kg (18.9%)	80 %	2
Grain	Briess - Carapils Malt	0.3 kg (5.7%)	74 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	70 g	60 min	4 %
Boil	Saaz (Czech Republic)	30 g	20 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	10 g	Fermentis

Notes

- Do zacierania najlepiej użyć miękkiej wody.
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