

pszeniczne

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **14**
- SRM **3.7**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **2 %**
- Size with trub loss **20.8 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **25.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.9 liter(s)**
- Total mash volume **18.5 liter(s)**

Steps

- Temp **37 C**, Time **30 min**
- Temp **50 C**, Time **20 min**
- Temp **63 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

Mash step by step

- Heat up **13.9 liter(s)** of strike water to **39.8C**
- Add grains
- Keep mash **30 min** at **37C**
- Keep mash **20 min** at **50C**
- Keep mash **60 min** at **63C**
- Keep mash **10 min** at **72C**
- Sparge using **16.5 liter(s)** of **76C** water or to achieve **25.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.5 kg (54.1%)	85 %	4
Grain	Castle Malting - Pilszeński 6-rzędowy	2 kg (43.3%)	80 %	5
Grain	Płatki pszeniczne	0.12 kg (2.6%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Perle	20 g	30 min	7 %
Boil	Sybilla	15 g	10 min	3.5 %