

Weizenbock

- Gravity **19.3 BLG**
- ABV ---
- IBU **31**
- SRM **9.9**
- Style **Weizenbock**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **27.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **25.2 liter(s)**

Steps

- Temp **44 C**, Time **20 min**
- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **79 C**, Time **0 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **48.8C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **79C**
- Sparge using **16.8 liter(s)** of **76C** water or to achieve **27.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pszeniczny	4.5 kg (62.5%)	81 %	6
Grain	Strzegom Monachijski typ I	1.2 kg (16.7%)	79 %	16
Grain	Strzegom Pilzneński	1 kg (13.9%)	80 %	4
Grain	karmelowy 30	0.5 kg (6.9%)	79 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	25 g	60 min	11.6 %
Boil	Hallertau	10 g	15 min	4.5 %
Boil	Perle	10 g	10 min	7 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Slant	1 ml	Fermentum Mobile

Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

Type	Name	Amount	Use for	Time
Spice	ziarno rajske	2 g	Boil	0 min
Spice	anyż	1 g	Boil	0 min