

MIX Płatki

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU ---
- SRM **4**
- Style **American IPA**

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 **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **78C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3.5 kg (58.3%)	80 %	4
Grain	Płatki owsiane	1.5 kg (25%)	85 %	3
Grain	Płatki pszeniczne	1 kg (16.7%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Mash	Magnum	100 g	60 min	13.5 %
Mash	Cascade	100 g	1 min	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
us05	Ale	Dry	11 g	---