

Delikatny Płatek

- Gravity **19.3 BLG**
- ABV **8.4 %**
- IBU **39**
- SRM **6.7**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **8.8 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód Pale Ale Belgia	4 kg (57.1%)	80 %	8
Grain	Słód pszeniczny jasny Niemcy	2 kg (28.6%)	82 %	6
Grain	Płatki pszeniczne	1 kg (14.3%)	--- %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mandarina Bavaria	20 g	60 min	8 %
Boil	Citra	50 g	10 min	14 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11 g	---