

# Lekko białe - Weizen z płatkami owsianymi

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **8**
- SRM **4.2**
- Style **Weizen/Weissbier**

## 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 **15 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.6 liter(s)**
- Total mash volume **20.8 liter(s)**

## Steps

- Temp **45 C**, Time **60 min**
- Temp **63 C**, Time **20 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **15.6 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **60 min** at **45C**
- Keep mash **20 min** at **63C**
- Keep mash **30 min** at **72C**
- Sparge using **16 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszoniczny	2.5 kg (48.1%)	85 %	4
Grain	Pilznieński	1.5 kg (28.8%)	81 %	4
Grain	Strzegom Karmel 30	0.2 kg (3.8%)	75 %	30
Grain	Płatki owsiane	1 kg (19.2%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	20 g	60 min	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	1000 ml	---