

# 100% Brett Grodzisz whitelabs

---

- Gravity **7.8 BLG**
- ABV ---
- IBU **21**
- SRM **4.3**
- Style **Grodziskie/Graetzer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **40 min**
- Evaporation rate **10 %/h**
- Boil size **24.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **15 liter(s)**

## Steps

- Temp **68 C**, Time **50 min**
- Temp **75 C**, Time **10 min**

## Mash step by step

- Heat up **12 liter(s)** of strike water to **74C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **10 min** at **75C**
- Sparge using **15.5 liter(s)** of **76C** water or to achieve **24.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Smoked wheat Malt	3 kg (100%)	80.5 %	10

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lomik	35 g	60 min	4.6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
WLP650 - Brettanomyces bruxellensis	Ale	Liquid	35 ml	---