

## Belgian Pale Ale by Parokran

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **25**
- SRM **8.3**
- Style **Belgian Pale Ale**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **29.5 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **19.6 liter(s)**
- Total mash volume **25.2 liter(s)**

### Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **19.6 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **15.5 liter(s)** of **76C** water or to achieve **29.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (71.4%)	80 %	5
Grain	Strzegom Monachijski typ I	1 kg (17.9%)	79 %	16
Grain	Abbey Castle	0.3 kg (5.4%)	80 %	45
Grain	Weyermann Caramunich 3	0.3 kg (5.4%)	76 %	150

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	45 g	60 min	5.1 %
Boil	Fuggles	30 g	5 min	4.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM25 Klasztorna medytacja	Ale	Liquid	1000 ml	Fermentum Mobile

### Extras

Type	Name	Amount	Use for	Time
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Fining	Wirfloc	1 g	Boil	5 min
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