

Belgian Pale Ale

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **20**
- SRM **5.7**
- Style **Belgian Pale Ale**

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 **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

Steps

- Temp **65 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **14.1 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **30 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **15.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4 kg (85.1%)	80 %	4
Grain	Abbey Malt Weyermann	0.3 kg (6.4%)	75 %	45
Grain	Carabelge	0.3 kg (6.4%)	80 %	30
Grain	Viking Melanoidynowy	0.1 kg (2.1%)	75 %	60

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	30 g	60 min	6 %
Mash	Cascade	30 g	10 min	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew BE-256	Ale	Dry	11 g	Fermentis