

Dubbel

- Gravity **17.1 BLG**
- ABV **7.3 %**
- IBU **18**
- SRM **20.5**
- Style **Belgian Dubbel**

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 **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.1 liter(s)**
- Total mash volume **26.8 liter(s)**

Steps

- Temp **63 C**, Time **60 min**

Mash step by step

- Heat up **20.1 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **60 min** at **63C**
- Sparge using **11.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (69.4%)	81 %	4
Grain	Monachijski	1 kg (13.9%)	80 %	16
Grain	Strzegom Karmel 300	0.4 kg (5.6%)	70 %	299
Grain	Special B Malt	0.3 kg (4.2%)	65.2 %	315
Sugar	Candi Sugar, Amber	0.5 kg (6.9%)	78.3 %	148

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	40 g	90 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Fermentis Safbrew BE-256	Ale	Dry	11.5 g	Fermentis