

Special Best Premium Bitter kantor

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **32**
- SRM **11.7**
- Style **Special/Best/Premium Bitter**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **8.4 liter(s)**
- Total mash volume **11.2 liter(s)**

Steps

- Temp **67 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **8.4 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **40 min** at **67C**
- Keep mash **20 min** at **72C**
- Sparge using **9.6 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	2.2 kg (78.6%)	79 %	6
Grain	Strzegom Monachijski typ II	0.5 kg (17.9%)	79 %	22
Grain	Strzegom Karmel 600	0.1 kg (3.6%)	68 %	601

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	60 min	13 %
Boil	Cascade	5 g	20 min	6 %
Boil	Amarillo	5 g	5 min	8.3 %
Boil	Chinook	5 g	5 min	13 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM10 O czym szumią wierzbzy	Ale	Liquid	15.65 ml	Fermentum Mobile