

## SBP

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- Gravity **21.1 BLG**
- ABV ---
- IBU **42**
- SRM **25.7**
- Style **Baltic Porter**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **29.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **21.3 liter(s)**
- Total mash volume **29.8 liter(s)**

### Steps

- Temp **68 C**, Time **70 min**

### Mash step by step

- Heat up **21.3 liter(s)** of strike water to **77.6C**
- Add grains
- Keep mash **70 min** at **68C**
- Sparge using **16.6 liter(s)** of **76C** water or to achieve **29.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Castle Malting wiedeński	2.75 kg (32.4%)	80 %	5.5
Grain	Słód Wędzony Steinbach	2.75 kg (32.4%)	80 %	5
Grain	Weyermann - Pale Ale Malt	1.5 kg (17.6%)	85 %	7
Grain	Chit Malt	0.5 kg (5.9%)	50 %	2
Grain	Weyermann - Carawheat	0.5 kg (5.9%)	77 %	97
Grain	Special B Castle	0.3 kg (3.5%)	70 %	350
Grain	Strzegom Czekoladowy ciemny	0.2 kg (2.4%)	68 %	1200

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	33 g	60 min	13.5 %
Boil	Lublin (Lubelski)	35 g	15 min	4 %