

## Simcoe Session

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- Gravity **11.2 BLG**
- ABV ---
- IBU **37**
- SRM **8.1**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

### Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

### Steps

- Temp **70 C**, Time **120 min**

### Mash step by step

- Heat up **13.5 liter(s)** of strike water to **78.3C**
- Add grains
- Keep mash **120 min** at **70C**
- Sparge using **22.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	3 kg (66.7%)	79 %	6
Grain	Pilzniejszy	1 kg (22.2%)	81 %	4
Grain	Strzegom Karmel 150	0.25 kg (5.6%)	75 %	150
Grain	Pszeniczny	0.25 kg (5.6%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	10 g	60 min	13.2 %
Boil	Simcoe	10 g	15 min	13.2 %
Aroma (end of boil)	Simcoe	20 g	10 min	13.2 %
Aroma (end of boil)	Simcoe	60 g	2 min	13.2 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	150 ml	Fermentis