

## STOUT 6

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **35**
- SRM **35.3**
- Style **Dry Stout**

### Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **28.1 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **26.4 liter(s)**

### Steps

- Temp **64 C**, Time **70 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **19.8 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **70 min** at **64C**
- Keep mash **5 min** at **76C**
- Sparge using **14.9 liter(s)** of **76C** water or to achieve **28.1 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	3.5 kg (53%)	79 %	6
Grain	Strzegom Pilzneński	1.6 kg (24.2%)	80 %	4
Grain	Weyermann - czekoladowy pszeniczny	0.6 kg (9.1%)	65 %	1000
Grain	Płatki owsiane	0.5 kg (7.6%)	70 %	3
Grain	Castle Malting - Cara Gold	0.3 kg (4.5%)	77 %	120
Grain	Weyermann - jęczmień palony	0.1 kg (1.5%)	65 %	1100

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Książęcy (Polish Hops)	200 g	7 min	7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand-LalBrew London ESB	Ale	Dry	11 g	---
FERMENTACJA W 20°C- 12 PSI				

## Extras

Type	Name	Amount	Use for	Time
Fining	whirlfloc tabletki	1.5 g	Boil	10 min
Flavor	Prażone ziarna kakaowca	200 g	Secondary	7 day(s)
Flavor	Prażone ziarna kakaowca	50 g	Boil	10 min