

STOUT 6

- Gravity **15.2 BLG**
- ABV ---
- IBU **33**
- SRM **38.7**
- 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 | Fawcett - Maris Otter | 5 kg (75.8%) | 81 % | 6 |
| 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 - Carafa II special | 0.2 kg (3%) | 65 % | 1100 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil | Marynka (Polish Hops) | 45 g | 60 min | 7.9 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------------|------|-------|--------|------------|
| Lallemand-LalBrew London ESB | Ale | Slant | 170 ml | --- |
| FERMENTACJA W 22°C- 12 PSI | | | | |

Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

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