

100% torf

- Gravity **13.8 BLG**
- ABV ---
- IBU **43**
- SRM **4.4**
- Style **Standard/Ordinary 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 **7 %/h**
- Boil size **14.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **9 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **8.8 liter(s)** of **76C** water or to achieve **14.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--|-------------|-------|-----|
| Grain | słód wędzony Medium Peated Fawcett | 3 kg (100%) | 81 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil | lunga | 20 g | 60 min | 11 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11 g | Fermentis |