

Porter Bałtycki EBC68

- Gravity **20.7 BLG**
- ABV **9.2 %**
- IBU **28**
- SRM **34.8**
- Style **Baltic Porter**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **1 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **25 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **20.4 liter(s)**
- Total mash volume **28.5 liter(s)**

Steps

- Temp **67 C**, Time **30 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **20.4 liter(s)** of strike water to **76.4C**
- Add grains
- Keep mash **30 min** at **67C**
- Keep mash **40 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **12.8 liter(s)** of **76C** water or to achieve **25 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|--------|------|
| Grain | Strzegom Wiedeński | 4 kg (49.1%) | 80 % | 10 |
| Grain | Monachijski | 2 kg (24.5%) | 80 % | 16 |
| Grain | Cara-Pils/Dextrine | 0.5 kg (6.1%) | 75 % | 4 |
| Grain | Jęczmień palony | 0.1 kg (1.2%) | 55 % | 985 |
| Grain | Briess - Black Malt | 0.1 kg (1.2%) | 55 % | 985 |
| Grain | Strzegom pszenica prażona | 0.15 kg (1.8%) | 70 % | 1000 |
| Grain | Special W | 1 kg (12.3%) | --- % | --- |
| Grain | Castle Cafe | 0.15 kg (1.8%) | 75.5 % | 480 |
| Grain | Strzegom Czekoladowy ciemny | 0.15 kg (1.8%) | 68 % | 1200 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------|--------|--------|------------|
| Boil | Centennial (US) | 20 g | 60 min | 10.5 % |
| Boil | Citra | 20 g | 15 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------|-------|-------|--------|-------------|
| Wyeast - Czech Pils | Lager | Slant | 500 ml | Wyeast Labs |

Extras

| Type | Name | Amount | Use for | Time |
|--------|------------------------------------|--------|-----------|-----------|
| Flavor | Płatki dębowe macerowane w Jameson | 100 g | Secondary | 30 day(s) |