

Russian Imperial Stout

- Gravity **25.7 BLG**
- ABV **12.1 %**
- IBU **79**
- SRM **70.7**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.4 liter(s)**
- Boil time **90 min**
- Evaporation rate **7 %/h**
- Boil size **24.8 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **22.4 liter(s)**
- Total mash volume **33.6 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **22.4 liter(s)** of strike water to **78.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **1 min** at **78C**
- Sparge using **13.6 liter(s)** of **76C** water or to achieve **24.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|-----------------------------|---------------|--------|------|
| Grain | Strzegom Pale Ale | 7 kg (57.4%) | 79 % | 6 |
| Adjunct | Płatki owsiane | 0.5 kg (4.1%) | 60 % | 6 |
| Grain | Płatki pszeniczne | 0.5 kg (4.1%) | 85 % | 3 |
| Adjunct | płatki żytnie | 0.5 kg (4.1%) | 60 % | 5 |
| Grain | Weyermann - Chocolate Rye | 0.5 kg (4.1%) | 50 % | 493 |
| Grain | Weyermann - Chocolate Wheat | 0.5 kg (4.1%) | 74 % | 788 |
| Grain | Fawcett - Brown | 1 kg (8.2%) | 72 % | 180 |
| Grain | Fawcett - Pale Chocolate | 1 kg (8.2%) | 71 % | 600 |
| Grain | Castle Cafe | 0.5 kg (4.1%) | 75.5 % | 480 |
| Grain | Strzegom Barwiący | 0.2 kg (1.6%) | 68 % | 1300 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | Mosaic | 70 g | 60 min | 11.7 % |
| Boil | East Kent Goldings | 50 g | 15 min | 5.1 % |
| Boil | Citra | 40 g | 15 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|-------|---------|------------|
| Safale S-04 | Ale | Slant | 1000 ml | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|--------|---|--------|-----------|-----------|
| Flavor | płatki francuskie średnio opiekane macerowane w burbonie | 50 g | Secondary | 60 day(s) |