

# RIS

---

- Gravity **25.7 BLG**
- ABV **12.1 %**
- IBU **71**
- SRM **65.4**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **33.3 liter(s)**
- Total mash volume **44.4 liter(s)**

## Fermentables

| Type  | Name                             | Amount         | Yield | EBC  |
|-------|----------------------------------|----------------|-------|------|
| Grain | Simpsons - Pale ale              | 5.8 kg (52.3%) | 79 %  | 6    |
| Grain | Simpsons - Crystal Medium        | 0.4 kg (3.6%)  | 74 %  | 108  |
| Grain | Special B Castle                 | 0.4 kg (3.6%)  | 70 %  | 290  |
| Grain | Słód Wędzony Steinbach           | 3 kg (27%)     | 80 %  | 5    |
| Grain | Jęczmień palony                  | 0.5 kg (4.5%)  | 55 %  | 985  |
| Grain | Strzegom Czekoladowy ciemny      | 0.5 kg (4.5%)  | 68 %  | 1200 |
| Grain | Fawcett - Pszeniczny Czekoladowy | 0.5 kg (4.5%)  | 73 %  | 1001 |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Marynka | 150 g  | 60 min | 7.3 %      |