

asfaltowy stout(small)

- Gravity **21.3 BLG**
- ABV ---
- IBU **41**
- SRM **41**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.9 liter(s)**
- Total mash volume **15.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|-------|------|
| Grain | Casle Malting Whisky Nature | 2 kg (50.6%) | 85 % | 4 |
| Grain | Viking Pale Ale malt | 1.6 kg (40.5%) | 80 % | 5 |
| Grain | Strzegom Czekoladowy ciemny | 0.25 kg (6.3%) | 68 % | 1200 |
| Grain | Jęczmień palony | 0.1 kg (2.5%) | 55 % | 985 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | Magnum | 20 g | 60 min | 11.5 % |
| Boil | East Kent Goldings | 15 g | 5 min | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 200 ml | Fermentis |