

Asfaltowe

- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **56**
- SRM **36.1**
- Style **Foreign Extra 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 **24.2 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **25.4 liter(s)**
- Total mash volume **33.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------------|-----------------|--------|-----|
| Grain | Peat Smoked Malt Fewcett | 5 kg (63.1%) | 74 % | 6 |
| Grain | Płatki żytnie | 1 kg (12.6%) | 85 % | 3 |
| Grain | Strzegom Karmel 600 | 0.35 kg (4.4%) | 68 % | 601 |
| Grain | Biscuit Malt | 0.425 kg (5.4%) | 79 % | 45 |
| Grain | Słód Caramunich Typ II Weyermann | 0.45 kg (5.7%) | 73 % | 120 |
| Grain | Jęczmień palony | 0.2 kg (2.5%) | 55 % | 985 |
| Grain | Carafa II | 0.1 kg (1.3%) | 70 % | 812 |
| Grain | Special B Malt | 0.4 kg (5%) | 65.2 % | 315 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Magnum | 45 g | 60 min | 13.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|-------|--------|------------|
| Safale S-04 | Ale | Slant | 100 ml | Safale |