

Czysty magazyn

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **47**
- SRM **4.4**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.5 liter(s)**
- Total mash volume **14.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|-----------------|-------|-----|
| Grain | Strzegom Pilzneński | 1.4 kg (42.4%) | 80 % | 4 |
| Grain | Pszeniczny | 1 kg (30.3%) | 85 % | 4 |
| Grain | Strzegom Monachijski typ I | 0.65 kg (19.7%) | 79 % | 16 |
| Grain | Strzegom Pale Ale | 0.25 kg (7.6%) | 79 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | Citra | 10 g | 60 min | 12 % |
| Boil | Willamette | 20 g | 60 min | 5 % |
| Boil | Citra | 20 g | 10 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11 g | Safale |