

polskie apa

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **23**
- SRM **4.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale | 5 kg (90.9%) | 79 % | 6 |
| Grain | Płatki owsiane | 0.5 kg (9.1%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|----------|------------|
| Boil | Magnat | 20 g | 60 min | 11.2 % |
| Dry Hop | Cascade PL | 20 g | 5 day(s) | 5.2 % |
| Dry Hop | Cascade PL | 30 g | 2 day(s) | 5.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
| us05 | Ale | Dry | 10 g | --- |

Extras

| Type | Name | Amount | Use for | Time |
|--------|---------------|--------|---------|--------|
| Fining | mech irlandzi | 5 g | Boil | 10 min |

Notes

- podczas filtracji do złoza 5 g cascade pl
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