

APA 40

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **38**
- SRM **5.8**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **0 %**
- Size with trub loss **23 liter(s)**
- Boil time **45 min**
- Evaporation rate --- %/h
- Boil size --- **liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (76.9%)	60 %	6
Grain	Strzegom Wiedeński	1 kg (15.4%)	60 %	10
Grain	zakwaszający	0.5 kg (7.7%)	60 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	19 g	45 min	12.8 %
Boil	Simcoe	10 g	15 min	11.7 %
Boil	Citra	10 g	15 min	11.8 %
Dry Hop	Citra	30 g	7 day(s)	12 %
Dry Hop	Simcoe	26 g	7 day(s)	13.2 %
Dry Hop	Amarillo	10 g	7 day(s)	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Liquid	1000 ml	Fermentum Mobile