

APA

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **33**
- SRM **6.1**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **22.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (89.3%)	79 %	6
Grain	Karmelowy Czerwony	0.3 kg (5.4%)	75 %	59
Grain	Strzegom Monachijski typ II	0.3 kg (5.4%)	79 %	22

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	10 g	60 min	13.2 %
Boil	Mosaic	30 g	15 min	13.2 %
Dry Hop	Mosaic	60 g	3 day(s)	13.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis