

# warka21

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- Gravity **15.7 BLG**
- ABV ---
- IBU **45**
- SRM **6.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **50 liter(s)**
- Trub loss **5 %**
- Size with trub loss **52.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **63.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **48 liter(s)**
- Total mash volume **64 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	14 kg (87.5%)	79 %	6
Grain	Pszeniczny	1 kg (6.3%)	85 %	4
Grain	Strzegom Karmel 30	1 kg (6.3%)	75 %	30

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Green Bullet	30 g	60 min	12.3 %
Boil	Citra	30 g	60 min	14 %
Boil	Simcoe	30 g	22 min	13.2 %
Boil	Mosaic	30 g	8 min	12.5 %
Aroma (end of boil)	Amarillo	30 g	0 min	9.5 %