

warka21

- 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 % |