

warka 22

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **34**
- SRM **4.9**
- 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 **42 liter(s)**
- Total mash volume **56 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|--------------|-------|-----|
| Grain | Strzegom Pale Ale | 14 kg (100%) | 79 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|--------------|--------|--------|------------|
| Boil | Green Bullet | 15 g | 60 min | 12.3 % |
| Boil | citra | 15 g | 22 min | 14 % |
| Boil | Mosaic | 30 g | 8 min | 12 % |
| Boil | citra | 15 g | 8 min | 14 % |
| Boil | Simcoe | 30 g | 8 min | 13.2 % |
| Whirlpool | Amarillo | 30 g | 1 min | 9.5 % |
| Whirlpool | Green Bullet | 15 g | 0 min | 11 % |
| Boil | Cascade | 30 g | 22 min | 8 % |
| Boil | Galaxy | 8 g | 8 min | 15 % |