

West Coast IPA

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **58**
- SRM **9.2**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.6 liter(s)**
- Total mash volume **21.3 liter(s)**

Steps

- Temp **64 C**, Time **55 min**
- Temp **72 C**, Time **5 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **16.6 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **55 min** at **64C**
- Keep mash **5 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **7.1 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|------|
| Grain | Viking Pilsner malt | 3.2 kg (67.7%) | 82 % | 5 |
| Grain | Viking Pale Ale malt | 1.5 kg (31.7%) | 80 % | 7 |
| Grain | Strzegom Barwiący | 0.03 kg (0.6%) | 68 % | 1500 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|--|---------|--------|--------|------------|
| Boil | Equinox | 10 g | 20 min | 14.5 % |
| Boil | Simcoe | 20 g | 20 min | 13.3 % |
| Boil | Equinox | 15 g | 5 min | 14.5 % |
| Boil | Simcoe | 20 g | 5 min | 13.3 % |
| Aroma (end of boil) | Equinox | 15 g | 5 min | 14.5 % |
| Aroma (end of boil) | Simcoe | 15 g | 5 min | 13.3 % |
| Whirlpool | Equinox | 20 g | 0 min | 14.5 % |
| dodajemy gdy temp. < 80 stopni 20 minut | | | | |
| Whirlpool | Simcoe | 20 g | 0 min | 13.3 % |
| dodajemy gdy temp. < 80 stopni 20 minut | | | | |

| | | | | |
|---------|---------|------|----------|--------|
| Dry Hop | Equinox | 30 g | 4 day(s) | 14.5 % |
| Dry Hop | Simcoe | 30 g | 4 day(s) | 13.3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | --- |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|---------|--------|
| Fining | Mech irlandzki | 5 g | Boil | 10 min |