

## West Coast

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- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **52**
- SRM **4.9**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **13.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **17.8 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **22.5 liter(s)**

### Steps

- Temp **62 C**, Time **60 min**
- Temp **78 C**, Time **2 min**

### Mash step by step

- Heat up **18 liter(s)** of strike water to **67.3C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **2 min** at **78C**
- Sparge using **4.3 liter(s)** of **76C** water or to achieve **17.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (66.7%)	80 %	5
Grain	Pszeniczny	0.5 kg (11.1%)	85 %	4
Grain	Strzegom Pilznieński	1 kg (22.2%)	80 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	25 g	60 min	10 %
Whirlpool	Mosaic	10 g	60 min	10 %
Whirlpool	Citra	10 g	60 min	12 %
Dry Hop	Citra	40 g	5 day(s)	12 %
Dry Hop	Mosaic	40 g	5 day(s)	10 %
Dry Hop	Cascade	50 g	5 day(s)	6 %

### Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	11 g	fermentis

### Extras

Type	Name	Amount	Use for	Time
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Fining	Whirlfloc T	1.25 g	Boil	10 min
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