

# Zachodnie Wybrzeże

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **61**
- SRM **7.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.5 liter(s)**
- Total mash volume **15.4 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **2 min**

## Mash step by step

- Heat up **11.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **2 min** at **78C**
- Sparge using **7.6 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale          | 2 kg (51.9%)   | 79 %  | 6   |
| Grain | Strzegom Pilzneński        | 0.8 kg (20.8%) | 80 %  | 4   |
| Grain | Pszeniczny                 | 0.4 kg (10.4%) | 85 %  | 4   |
| Grain | Strzegom Monachijski typ I | 0.5 kg (13%)   | 79 %  | 16  |
| Grain | Cara Gold Castlemalting    | 0.15 kg (3.9%) | 78 %  | 120 |

## Hops

| Use for | Name          | Amount | Time     | Alpha acid |
|---------|---------------|--------|----------|------------|
| Boil    | Citra         | 10 g   | 10 min   | 12 %       |
| Dry Hop | Citra szyszki | 15 g   | 3 day(s) | 12 %       |
| Dry Hop | Simcoe        | 10 g   | 3 day(s) | 13.2 %     |
| Boil    | Magnum        | 25 g   | 60 min   | 13.5 %     |
| Dry Hop | Mosaic        | 10 g   | 3 day(s) | 10 %       |
| Dry Hop | Amarillo      | 10 g   | 3 day(s) | 9.5 %      |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                       |     |        |        |             |
|-----------------------|-----|--------|--------|-------------|
| Wyeast - American Ale | Ale | Liquid | 200 ml | Wyeast Labs |
|-----------------------|-----|--------|--------|-------------|