

# Popołudniowa kawka

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **20**
- SRM **36.3**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22.8 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**

## Mash step by step

- Heat up **17.1 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **13.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                           | Amount         | Yield | EBC  |
|-------|--------------------------------|----------------|-------|------|
| Grain | Jęczmień palony                | 0.1 kg (1.8%)  | 55 %  | 985  |
| Grain | Strzegom<br>Czekoladowy ciemny | 0.25 kg (4.4%) | 68 %  | 1200 |
| Grain | Carafa III                     | 0.25 kg (4.4%) | 70 %  | 1034 |
| Grain | Weyermann<br>Caramunich 3      | 0.5 kg (8.8%)  | 76 %  | 150  |
| Grain | Strzegom Wiedeński             | 1 kg (17.5%)   | 79 %  | 10   |
| Grain | Strzegom Pale Ale              | 3 kg (52.6%)   | 79 %  | 6    |
| Grain | Płatki pszeniczne              | 0.6 kg (10.5%) | 85 %  | 3    |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | East Kent Goldings | 30 g   | 60 min | 5.1 %      |
| Boil    | East Kent Goldings | 20 g   | 10 min | 5.1 %      |

## Yeasts

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

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |                       |       |           |          |
|--------|-----------------------|-------|-----------|----------|
| Flavor | kawa parzona na zimno | 200 g | Secondary | 7 day(s) |
|--------|-----------------------|-------|-----------|----------|