

Coco milk stout

- Gravity **13.3 BLG**
- ABV ---
- IBU **45**
- SRM **59.3**
- Style **Sweet Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.4 liter(s)**
- Total mash volume **23.6 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

Mash step by step

- Heat up **18.4 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **72C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-----------------|-------|------|
| Grain | Strzegom Pale Ale | 2.5 kg (47.6%) | 79 % | 6 |
| Grain | Simpsons - Caramalt | 0.25 kg (4.8%) | 76 % | 69 |
| Grain | Strzegom Czekoladowy 1200 | 0.3 kg (5.7%) | 68 % | 1202 |
| Grain | Carafa II | 0.2 kg (3.8%) | 70 % | 812 |
| Grain | Carafa III | 0.2 kg (3.8%) | 70 % | 1034 |
| Grain | Strzegom Karmel 150 | 0.25 kg (4.8%) | 75 % | 150 |
| Grain | Strzegom Karmel 300 | 0.2 kg (3.8%) | 70 % | 299 |
| Grain | Weyermann Specjal W | 0.2 kg (3.8%) | 68 % | 300 |
| Grain | Monachijski | 0.5 kg (9.5%) | 80 % | 16 |
| Grain | Płatki owsiane | 0.65 kg (12.4%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 30 g | 60 min | 10 % |
| Boil | Marynka | 20 g | 15 min | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11.5 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-------------------------|--------|-----------|----------|
| Flavor | laktoza | 500 g | Boil | 15 min |
| Flavor | kokos | 500 g | Secondary | 7 day(s) |
| Flavor | wanilia 4 laski | 4 g | Secondary | 7 day(s) |
| Flavor | kawa espresso 200mlk | 200 g | Secondary | 7 day(s) |