

# Felix Felicis

- Gravity **27.4 BLG**
- ABV **13.2 %**
- IBU **25**
- SRM **114.3**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **6 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **26.7 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **2.25 liter(s) / kg**
- Mash size **21.4 liter(s)**
- Total mash volume **30.9 liter(s)**

## Steps

- Temp **63 C**, Time **90 min**

## Mash step by step

- Heat up **21.4 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **90 min** at **63C**
- Sparge using **14.8 liter(s)** of **76C** water or to achieve **26.7 liter(s)** of wort

## Fermentables

| Type           | Name                            | Amount         | Yield | EBC  |
|----------------|---------------------------------|----------------|-------|------|
| Grain          | Strzegom Wiedeński              | 3 kg (26.5%)   | 79 %  | 10   |
| Grain          | Strzegom Monachijski typ II     | 2 kg (17.7%)   | 79 %  | 22   |
| Grain          | Pilzneński                      | 1 kg (8.8%)    | 81 %  | 4    |
| Grain          | Caraaroma                       | 1 kg (8.8%)    | 78 %  | 400  |
| Grain          | Strzegom Czekoladowy ciemny     | 1 kg (8.8%)    | 68 %  | 1200 |
| Grain          | Chocolate Malt (UK)             | 1.5 kg (13.3%) | 73 %  | 887  |
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 1.8 kg (15.9%) | 90 %  | 621  |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Sybilla | 70 g   | 60 min | 6 %        |

## Yeasts

| Name               | Type | Form   | Amount | Laboratory  |
|--------------------|------|--------|--------|-------------|
| Wyeast - Irish Ale | Ale  | Liquid | 125 ml | Wyeast Labs |

## Extras

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

|        |                                       |       |         |           |
|--------|---------------------------------------|-------|---------|-----------|
| Spice  | Płatki kokosowe macerowane w burbonie | 800 g | Primary | 30 day(s) |
| Flavor | Ziarna kakaowca macerowane w burbonie | 200 g | Primary | 30 day(s) |
| Flavor | Burbon                                | 250 g | Primary | 30 day(s) |