

Rosanke

- Gravity **10 BLG**
- ABV **4 %**
- IBU **38**
- SRM **21.8**
- Style **Specialty Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **27.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **21.1 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **70 C**, Time **15 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **16.4 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **15 min** at **70C**
- Keep mash **1 min** at **78C**
- Sparge using **15.6 liter(s)** of **76C** water or to achieve **27.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt | 1 kg (21.3%) | 80 % | 5 |
| Grain | Strzegom Monachijski typ II | 1 kg (21.3%) | 75 % | 25 |
| Grain | Pszeniczny | 0.5 kg (10.6%) | 80 % | 5 |
| Grain | Płatki owsiane | 0.5 kg (10.6%) | 85 % | 3 |
| Grain | Rye, Flaked | 0.3 kg (6.4%) | 75 % | 5 |
| Grain | Strzegom Karmel 30 | 0.4 kg (8.5%) | 75 % | 30 |
| Grain | Strzegom Karmel 150 | 0.8 kg (17%) | 75 % | 150 |
| Grain | Carafa Special II | 0.2 kg (4.3%) | 50 % | 1200 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Marynka | 25 g | 60 min | 9 % |
| Boil | Lublin (Lubelski) | 20 g | 30 min | 4 % |
| Boil | Marynka | 25 g | 5 min | 9 % |
| Boil | Lublin (Lubelski) | 30 g | 5 min | 4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------|------|------|--------|------------|
| Saflager S-23 | Ale | Dry | 12 g | --- |

Extras

| Type | Name | Amount | Use for | Time |
|------|----------|--------|---------|-------|
| Herb | Rumianek | 15 g | Boil | 5 min |
| Herb | Lipa | 30 g | Boil | 5 min |
| Herb | Wrzos | 15 g | Boil | 5 min |
| Herb | Pokrzywa | 10 g | Boil | 5 min |
| Herb | Mięta | 10 g | Boil | 5 min |

Notes

- Burzliwa 21 oC 5 dni
Cicha 22 oC 5 dni
May 9, 2017, 9:31 PM