

# Rosanke

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- Gravity **9.8 BLG**
- ABV **3.8 %**
- IBU **14**
- SRM **20**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **7 liter(s)**
- Total mash volume **9 liter(s)**

## Steps

- Temp **67 C**, Time **15 min**
- Temp **72 C**, Time **50 min**

## Mash step by step

- Heat up **7 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **15 min** at **67C**
- Keep mash **50 min** at **72C**
- Sparge using **7.7 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

## Fermentables

| Type  | Name                                   | Amount       | Yield | EBC |
|-------|--|--------------|-------|-----|
| Grain | Viking Wędzony bukiem                  | 0.6 kg (30%) | 82 %  | 10  |
| Grain | Słód owsiany Fawcett                   | 0.3 kg (15%) | 61 %  | 3   |
| Grain | Weyermann - Melanoiden Malt            | 0.3 kg (15%) | 81 %  | 70  |
| Grain | Żytni wayerman                         | 0.3 kg (15%) | 85 %  | 8   |
| Grain | Fawcett - Crystal                      | 0.3 kg (15%) | 70 %  | 160 |
| Grain | Red Crystal 350-450 EBC Thomas Fawcett | 0.2 kg (10%) | 70 %  | 400 |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | Challenger         | 5 g    | 60 min | 7 %        |
| Boil    | East Kent Goldings | 4 g    | 60 min | 5.1 %      |

## Yeasts

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

## Extras

| Type | Name  | Amount | Use for | Time   |
|------|---|--------|---------|--------|
| Herb | Gałęzi świerku  | 130 g  | Boil    | 25 min |
| Herb | Krwawnik świeży<br>cały bez korzeni<br>ilość w łyżeczkach | 7 g    | Boil    | 14 min |
| Herb | Lisc poziomki<br>świeży w łyżeczkach                      | 10 g   | Boil    | 14 min |
| Herb | Liscie mniszka<br>lekarskiego w<br>łyżeczkach             | 15 g   | Boil    | 14 min |
| Herb | Dziewanna suszona   | 8 g    | Boil    | 14 min |
| Herb | Pokrzywa świeża w<br>łyżeczkach                           | 5 g    | Boil    | 14 min |
| Herb | Pedy malin  | 50 g   | Boil    | 14 min |