

# ROSANKE

- Gravity **12.6 BLG**
- ABV ---
- IBU **26**
- SRM **5.1**
- Style **Saison**

## 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 **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **64 C**, Time **20 min**
- Temp **72 C**, Time **45 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **20 min** at **64C**
- Keep mash **45 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **15.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                   | Amount     | Yield | EBC |
|-------|------------------------|------------|-------|-----|
| Grain | Strzegom Pale Ale      | 2 kg (40%) | 79 %  | 6   |
| Grain | Monachijski            | 1 kg (20%) | 80 %  | 16  |
| Grain | Pszeniczny             | 1 kg (20%) | 85 %  | 4   |
| Grain | Słód Wędzony Steinbach | 1 kg (20%) | 80 %  | 5   |

## Hops

| Use for             | Name              | Amount | Time   | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil                | Marynka           | 15 g   | 60 min | 10 %       |
| Boil                | Lublin (Lubelski) | 20 g   | 45 min | 4 %        |
| Aroma (end of boil) | Lublin (Lubelski) | 20 g   | 5 min  | 4 %        |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
| S-33 | Ale  | Dry  | 11 g   | ---        |

## Extras

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

|        |                    |       |      |        |
|--------|--------------------|-------|------|--------|
| Herb   | rumianek           | 10 g  | Boil | 5 min  |
| Herb   | Lawenda            | 25 g  | Boil | 5 min  |
| Flavor | miód wielokwiatowy | 100 g | Boil | 30 min |