

# hezky lezak

- Gravity **11.7 BLG**
- ABV ---
- IBU **27**
- SRM **4.5**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **25.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14.9 liter(s)**
- Total mash volume **19.1 liter(s)**

## Steps

- Temp **55 C**, Time **10 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **15 min**

## Mash step by step

- Heat up **14.9 liter(s)** of strike water to **60C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **15.3 liter(s)** of **76C** water or to achieve **25.9 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński        | 3.8 kg (89.4%) | 80 %  | 4   |
| Grain | Strzegom Wiedeński         | 0.25 kg (5.9%) | 79 %  | 10  |
| Grain | Strzegom Monachijski typ I | 0.2 kg (4.7%)  | 79 %  | 16  |

## Hops

| Use for             | Name                  | Amount | Time   | Alpha acid |
|---------------------|-----------------------|--------|--------|------------|
| Boil                | Marynka               | 15 g   | 60 min | 10 %       |
| Aroma (end of boil) | Saaz (Czech Republic) | 15 g   | 15 min | 4.5 %      |
| Aroma (end of boil) | Saaz (Czech Republic) | 20 g   | 10 min | 4.5 %      |
| Whirlpool           | Saaz (Czech Republic) | 10 g   | 0 min  | 4.5 %      |
| Aroma (end of boil) | Styrian Goldings      | 10 g   | 0 min  | 4.5 %      |
| Whirlpool           | Marynka               | 10 g   | 0 min  | 10 %       |

## Yeasts

| <b>Name</b>                  | <b>Type</b> | <b>Form</b> | <b>Amount</b> | <b>Laboratory</b> |
|------------------------------|-------------|-------------|---------------|-------------------|
| WLP800 - Pilsner Lager Yeast | Lager       | Dry         | 11 g          | White Labs        |