

# BAR BECUE

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **26**
- SRM **13.6**
- Style **Classic Rauchbier**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **33.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.7 liter(s)**
- Total mash volume **24.9 liter(s)**

## Steps

- Temp **60 C**, Time **25 min**
- Temp **64 C**, Time **25 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **18.7 liter(s)** of strike water to **66.7C**
- Add grains
- Keep mash **25 min** at **60C**
- Keep mash **25 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **20.6 liter(s)** of **76C** water or to achieve **33.1 liter(s)** of wort

## Fermentables

| Type    | Name                                   | Amount          | Yield  | EBC |
|---------|--|-----------------|--------|-----|
| Grain   | Wędzony Weyermann                      | 3.7 kg (55.1%)  | 80 %   | 5   |
| Grain   | Caraamber Weyermann                    | 1.2 kg (17.9%)  | 75 %   | 65  |
| Grain   | Monachijski typ II 20-25 EBC Weyermann | 0.85 kg (12.6%) | 80 %   | 25  |
| Adjunct | Płatki gryczane                        | 0.5 kg (7.4%)   | --- %  | --- |
| Grain   | Pilzneński Bestmalz                    | 0.3 kg (4.5%)   | 80.5 % | 4   |
| Grain   | Karmel 600 Viking Malt                 | 0.17 kg (2.5%)  | 68 %   | 601 |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Warrior | 20 g   | 90 min | 13.4 %     |
| Boil    | Warrior | 10 g   | 5 min  | 13.4 %     |

## Yeasts

| <b>Name</b> | <b>Type</b> | <b>Form</b> | <b>Amount</b> | <b>Laboratory</b> |
|-------------|-------------|-------------|---------------|-------------------|
| Safale S-33 | Ale         | Slant       | 100 ml        | ---               |