

## t2 sh mosaic

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **31**
- SRM **4.4**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

### Steps

- Temp **68 C**, Time **50 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **4 min**

### Mash step by step

- Heat up **16.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **15 min** at **72C**
- Keep mash **4 min** at **76C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

### Fermentables

| Type  | Name                             | Amount        | Yield | EBC |
|-------|----------------------------------|---------------|-------|-----|
| Grain | Weyermann - Pilsner Malt Premium | 4 kg (72.7%)  | 81 %  | 3   |
| Grain | Weyermann - Carapils             | 1 kg (18.2%)  | 78 %  | 4   |
| Grain | Carahell                         | 0.5 kg (9.1%) | 77 %  | 26  |

### Hops

| Use for | Name   | Amount | Time     | Alpha acid |
|---------|--------|--------|----------|------------|
| Boil    | Mosaic | 15 g   | 60 min   | 12.6 %     |
| Boil    | Mosaic | 15 g   | 20 min   | 12.6 %     |
| Dry Hop | Mosaic | 60 g   | 7 day(s) | 10 %       |

### Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |

### Extras

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

|             |                |     |      |        |
|-------------|----------------|-----|------|--------|
| Water Agent | Gips           | 4 g | Mash | 0 min  |
| Fining      | Mech Irlandzki | 5 g | Boil | 15 min |