

Światowit

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **13**
- SRM **3.7**
- Style **Witbier**

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 **20 %/h**
- Boil size **30 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **50 C**, Time **30 min**
- Temp **65 C**, Time **80 min**
- Temp **72 C**, Time **15 min**
- Temp **75 C**, Time **5 min**

Mash step by step

- Heat up **16.5 liter(s)** of strike water to **55C**
- Add grains
- Keep mash **30 min** at **50C**
- Keep mash **80 min** at **65C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **75C**
- Sparge using **19 liter(s)** of **76C** water or to achieve **30 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Pszeniczny | 2 kg (36.4%) | 85 % | 4 |
| Grain | Strzegom Pilzneński | 2 kg (36.4%) | 80 % | 4 |
| Grain | Wheat, Torrified | 1 kg (18.2%) | 79 % | 4 |
| Grain | Płatki owsiane | 0.5 kg (9.1%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------|--------|--------|------------|
| Boil | Huell Melon | 10 g | 60 min | 7.5 % |
| Boil | Huell Melon | 10 g | 15 min | 7.5 % |
| Aroma (end of boil) | Huell Melon | 15 g | 5 min | 7.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------------------|-------|------|--------|-----------------|
| Mangrove Jack's - Belgian Wit M21 | Wheat | Dry | 11 g | Mangrove Jack's |

Extras

| Type | Name | Amount | Use for | Time |
|-------|------------------------------|--------|---------|--------|
| Spice | Curacao | 20 g | Boil | 10 min |
| Spice | Kolendra | 20 g | Boil | 10 min |
| Spice | Skórka Bergamotki | 10 g | Boil | 5 min |
| Spice | Zest pomarańczy sycylijskiej | 10 g | Boil | 5 min |
| Spice | Aframon | 10 g | Boil | 5 min |