Tasmanian Red Ale 13blg Twoj Browar

- Gravity **11 BLG**
- ABV **---**
- IBU **27**
- SRM **9.1**
- Style **American Pale Ale**

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 **2.8 liter(s) / kg**
- Mash size **12.4 liter(s)**
- Total mash volume **16.8 liter(s)**

Steps

- Temp **68 C**, Time **90 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **12.4 liter(s)** of strike water to **76.6C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **17.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.8 kg *(85.8%)*	80 %	---
Grain	Karmelowy Czerwony	0.4 kg *(9%)*	75 %	59
Grain	Strzegom Karmel 300	0.2 kg *(4.5%)*	70 %	299
Grain	Barwiący	0.03 kg *(0.7%)*	80 %	600

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Topaz	5 g	60 min	15 %
Boil	Topaz	15 g	10 min	15 %
Boil	Topaz	20 g	5 min	15 %
Boil	Topaz	15 g	2 min	15 %

Yeasts

Name	Type	Form	Amount	Laboratory
US05 gestwa	Ale	Slant	300 ml	---

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.