

# PROTO DIABEŁ TASMAŃSKI

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **26**
- SRM **11.2**
- Style **Red IPA**

## 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 **82 %**
- Liquor-to-grist ratio **2.7 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16.4 liter(s)**

## Steps

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

## Mash step by step

- Heat up **12 liter(s)** of strike water to **76.9C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **17.7 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 %  | 5   |
| Grain | Karmelowy Czerwony   | 0.4 kg (9%)    | 75 %  | 59  |
| Grain | Strzegom Karmel 300  | 0.2 kg (4.5%)  | 70 %  | 299 |
| Grain | Black (Patent) Malt  | 0.03 kg (0.7%) | 55 %  | 985 |

## Hops

| Use for | Name  | Amount | Time   | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil    | Topaz | 5 g    | 60 min | 15 %       |
| Boil    | Topaz | 15 g   | 10 min | 15 %       |
| Boil    | Topaz | 18 g   | 5 min  | 15 %       |
| Boil    | Topaz | 14 g   | 2 min  | 15 %       |

## Yeasts

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

## Extras

| Type   | Name           | Amount | Use for | Time   |
|--------|----------------|--------|---------|--------|
| Fining | Mech irlandzki | 4 g    | Boil    | 15 min |

## Notes

- [12.04.2012] - przepis odtworzony po latach , gdyż warka nie istniała w rejestrze. Zestaw na piwo Tasmanian Red Ale z Twój Browar  
*Apr 11, 2021, 7:25 PM*