

# truskwkowe

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **14**
- SRM **4.8**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **23.4 liter(s)**

## Steps

- Temp **63 C**, Time **63 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **17.5 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **63 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **18.8 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	1.9 kg (32.5%)	80 %	4
Grain	Pszeniczny	1.9 kg (32.5%)	85 %	4
Grain	Viking Pale Ale malt	2 kg (34.2%)	80 %	5
Grain	Strzegom Karmel 300	0.05 kg (0.9%)	70 %	299

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	14 g	60 min	11 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM21 Odkrycie sezonu	Ale	Liquid	30 ml	Fermentum Mobile

## Extras

Type	Name	Amount	Use for	Time
Flavor	truskawka	1000 g	Secondary	4 day(s)