

## void - Dry Stout v.1.1

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- Gravity **12.4 BLG**
- ABV ---
- IBU **50**
- SRM **40.9**
- Style **Dry Stout**

### 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 **3 liter(s) / kg**
- Mash size **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

### Steps

- Temp **62 C**, Time **60 min**

### Mash step by step

- Heat up **14.1 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **60 min** at **62C**
- Sparge using **15.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	3.7 kg (78.7%)	79 %	6
Grain	Jęczmień palony	0.5 kg (10.6%)	55 %	985
Grain	Viking Wheat Malt	0.5 kg (10.6%)	83 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Admiral	25 g	60 min	14.3 %
Aroma (end of boil)	Fuggles	30 g	10 min	4.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	---