

# Szpunt

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **32**
- SRM **48.9**
- Style **Oatmeal Stout**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.8 liter(s)**
- Total mash volume **23.8 liter(s)**

## Steps

- Temp **64 C**, Time **60 min**

## Mash step by step

- Heat up **17.8 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **64C**
- Sparge using **15.7 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (50.4%)	80 %	5
Grain	Strzegom Monachijski typ II	1 kg (16.8%)	79 %	22
Grain	Carafa II	0.35 kg (5.9%)	70 %	812
Grain	Strzegom Czekoladowy 1200	0.8 kg (13.4%)	68 %	1202
Grain	Płatki owsiane	0.8 kg (13.4%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	15 g	60 min	5.1 %
Boil	Marynka	5 g	60 min	10 %
Boil	Chinook	17 g	45 min	13 %

## Yeasts

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

## Extras

Type	Name	Amount	Use for	Time
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Other	Płatki drewniane - wiśnia	40 g	Secondary	14 day(s)
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