

# Belgijski Diabeł

- Gravity **17.1 BLG**
- ABV ---
- IBU **33**
- SRM **7.3**
- Style **Belgian Golden Strong Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **26.9 liter(s)**

## Mash information

- Mash efficiency **84 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.4 liter(s)**
- Total mash volume **23.6 liter(s)**

## Steps

- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **60 min**
- Temp **72 C**, Time **20 min**

## Mash step by step

- Heat up **18.4 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **60 min** at **62C**
- Keep mash **20 min** at **72C**
- Sparge using **13.8 liter(s)** of **76C** water or to achieve **26.9 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4.7 kg (80.3%)	80 %	4
Grain	Weyermann - Abbey Malt	0.25 kg (4.3%)	50 %	45
Grain	Biscuit Malt	0.25 kg (4.3%)	79 %	45
Grain	Aromatic Malt	0.05 kg (0.9%)	78 %	51
Sugar	cukier	0.6 kg (10.3%)	--- %	---

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Perle	30 g	60 min	7 %
Boil	Perle	30 g	20 min	7 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM26 Belgijskie Pagórki	Ale	Slant	150 ml	Fermentum Mobile