

Shepherd Neame Spitfire Clone

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **37**
- SRM **8.4**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **44 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **52.9 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27.9 liter(s)**
- Total mash volume **37.2 liter(s)**

Steps

- Temp **65 C**, Time **75 min**
- Temp **76 C**, Time **3 min**

Mash step by step

- Heat up **27.9 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **75 min** at **65C**
- Keep mash **3 min** at **76C**
- Sparge using **34.3 liter(s)** of **76C** water or to achieve **52.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	7.5 kg (78.9%)	80 %	7
Grain	Cara Crystal - Brewferm	0.8 kg (8.4%)	78 %	120
Grain	Amber Malt	0.4 kg (4.2%)	75 %	43
Grain	Pszeniczny	0.6 kg (6.3%)	85 %	4
Adjunct	Pszenica niesłodowana	0.2 kg (2.1%)	75 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Target	50 g	60 min	10.5 %
Boil	East Kent Goldings	50 g	15 min	5.1 %
Boil	East Kent Goldings	30 g	1 min	5.1 %
Dry Hop	East Kent Goldings	30 g	5 day(s)	5.1 %