

New Painful crying raw beer

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **30**
- SRM **5.6**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (25%)	81 %	4
Grain	Briess - Pale Ale Malt	5 kg (62.5%)	80 %	7
Grain	Caramel/Crystal Malt - 10L	1 kg (12.5%)	75 %	20

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	38 g	40 min	10 %
Boil	Cascade	20 g	30 min	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
05	Ale	Dry	20 g	---