

Teutonic Terror

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **18**
- SRM **4.4**
- Style **Kölsch**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30 liter(s)**

Mash information

- Mash efficiency **68 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	4 kg (72.7%)	81 %	6
Grain	Słód pszeniczny Bestmalz	1 kg (18.2%)	82 %	5
Grain	PaleCara Thomas Fawcett	0.5 kg (9.1%)	80.5 %	9

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Puławski	50 g	40 min	2.9 %
Boil	Hallertau Mittelfruh	15 g	20 min	3 %
Boil	Hersbrucker	15 g	20 min	3 %
Dry Hop	Puławski	25 g	3 day(s)	4.3 %
Dry Hop	Hallertau Mittelfruh	35 g	3 day(s)	3 %
Dry Hop	Hersbrucker	35 g	3 day(s)	3 %
Dry Hop	Mandarina Bavaria (nie dodane do worka)	40 g	3 day(s)	10 %