

Dortmunder

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **27**
- SRM **4.5**
- Style **Dortmunder Export**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.8 liter(s)**
- Total mash volume **14.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (83.3%)	80 %	5
Grain	Cara-Pils/Dextrine	0.4 kg (11.1%)	72 %	4
Grain	Strzegom Wiedeński	0.2 kg (5.6%)	79 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	10 g	60 min	11 %
Aroma (end of boil)	lunga	25 g	5 min	11 %