

## Wee heavy

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- Gravity **27.2 BLG**
- ABV **13 %**
- IBU **23**
- SRM **17.8**
- Style **Scottish Heavy 70/-**

### Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **16.6 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.7 liter(s)**
- Total mash volume **27.6 liter(s)**

### Fermentables

| Type  | Name                      | Amount        | Yield | EBC |
|-------|---------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt      | 5 kg (72.5%)  | 80 %  | 5   |
| Grain | Simpsons - Golden Promise | 1 kg (14.5%)  | 81 %  | 4   |
| Grain | Carahell                  | 0.5 kg (7.2%) | 77 %  | 26  |
| Grain | Strzegom Karmel 150       | 0.3 kg (4.3%) | 75 %  | 150 |
| Grain | Carafa                    | 0.1 kg (1.4%) | 70 %  | 664 |

### Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Fuggles | 50 g   | 60 min | 4.5 %      |

### Yeasts

| Name                 | Type | Form  | Amount | Laboratory |
|----------------------|------|-------|--------|------------|
| Danstar - Nottingham | Ale  | Slant | 500 ml | Danstar    |