

Scottish Ale

- Gravity **10.5 BLG**
- ABV ---
- IBU **24**
- SRM **13.6**
- Style **Scottish Export 80/-**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.4 liter(s)**
- Total mash volume **15.2 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Simpsons - Golden Promise | 3.1 kg (81.6%) | 81 % | 4 |
| Grain | Caramel/Crystal Malt - 10L | 0.6 kg (15.8%) | 75 % | 20 |
| Grain | Czekoladowy | 0.1 kg (2.6%) | 60 % | 788 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | East Kent Goldings | 30 g | 60 min | 5.1 % |
| Boil | East Kent Goldings | 15 g | 10 min | 5.1 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11 g | Safale |