

Extra EPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **33**
- SRM **6.3**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

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 **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------------|---------------|-------|-----|
| Grain | Pale Ale Viking malt | 5 kg (86.2%) | 80 % | 5 |
| Grain | Karmelowy Czerwony Viking malt | 0.5 kg (8.6%) | 75 % | 50 |
| Grain | Płatki owsiane | 0.3 kg (5.2%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------------------|--------|----------|------------|
| Boil | East Kent Goldings UK | 50 g | 60 min | 4.7 % |
| Aroma (end of boil) | East Kent Goldings UK | 50 g | 10 min | 4.7 % |
| Dry Hop | East Kent Goldings UK | 50 g | 5 day(s) | 4.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|--------|--------|------------------|
| FM12 W szkocką kratę | Ale | Liquid | 100 ml | Fermentum Mobile |