

Cobra #12

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **12**
- SRM **4.4**
- Style **Specialty Beer**

Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **42 liter(s)**
- Boil time **15 min**
- Evaporation rate **10 %/h**
- Boil size **47.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25.5 liter(s)**
- Total mash volume **34 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------------|---------------|-------|-----|
| Grain | Weyermann - Bohemian Pilsner Malt | 7 kg (82.4%) | 81 % | 4 |
| Grain | Słód owsiany Fawcett | 1 kg (11.8%) | 61 % | 5 |
| Grain | Strzegom Bursztynowy | 0.5 kg (5.9%) | 70 % | 49 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 27 g | 15 min | 15.5 % |