

Freteńskie

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **28**
- SRM **4.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 5 kg (90.9%) | 80 % | 6 |
| Grain | Grodziski pszeniczny wędzony dębem | 0.5 kg (9.1%) | 80 % | 10 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil | Saaz (Czech Republic) | 50 g | 60 min | 4.5 % |
| Boil | Saaz (Czech Republic) | 50 g | 10 min | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------|------|--------|--------|------------------|
| FM42 Stare Nadreńskie | Ale | Liquid | 40 ml | Fermentum Mobile |