

Piaski Alaski

- Gravity **9.3 BLG**
- ABV **3.6 %**
- IBU **56**
- SRM **17.4**
- Style **Brown Porter**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

Mash information

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

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|-------------------|---------------|-------|-----|
| Liquid Extract | Wystodziny z RISa | 1.2 kg (100%) | 100 % | 120 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------------|--------|--------|------------|
| Boil | Herkules | 8 g | 45 min | 20 % |
| Aroma (end of boil) | Columbus/Tomahawk/Zeus | 18 g | 10 min | 15.5 % |