

Południca v3

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **22**
- SRM **4.5**
- Style **American Wheat or Rye Beer**

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)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale | 3 kg (50%) | 79 % | 6 |
| Grain | Żytni | 1 kg (16.7%) | 85 % | 8 |
| Grain | Strzegom Pszeniczny | 1.5 kg (25%) | 81 % | 6 |
| Grain | Słód owsiany Fawcett | 0.5 kg (8.3%) | 61 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|--------|------------|
| Boil | Denali | 15 g | 60 min | 14 % |
| Boil | Lemon drop | 10 g | 25 min | 4.6 % |
| Aroma (end of boil) | Denali | 15 g | 0 min | 14 % |
| Aroma (end of boil) | Lemon drop | 20 g | 0 min | 4.6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|-------|--------|------------|
| US-04 | Ale | Slant | 600 ml | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|---------|--------|---------|--------|
| Water Agent | Gips | 2 g | Mash | 60 min |
| Fining | Karagen | 2.5 g | Boil | 15 min |
| Other | Pożywka | 2 g | Boil | 5 min |