

# Risky

- Gravity **24.2 BLG**
- ABV ---
- IBU **109**
- SRM **105.5**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27 liter(s)**
- Total mash volume **36 liter(s)**

## Fermentables

| Type  | Name                        | Amount        | Yield | EBC  |
|-------|-----------------------------|---------------|-------|------|
| Grain | Strzegom Pale Ale           | 5 kg (55.6%)  | 85 %  | 6    |
| Grain | Caramunich III              | 1 kg (11.1%)  | 80 %  | 150  |
| Grain | Caraaroma                   | 1 kg (11.1%)  | 78 %  | 400  |
| Grain | Słód Pszemiczny Crystal     | 0.5 kg (5.6%) | 75 %  | 150  |
| Grain | Strzegom Czekoladowy ciemny | 0.5 kg (5.6%) | 68 %  | 1200 |
| Grain | Słód Palony Black           | 0.5 kg (5.6%) | 78 %  | 1350 |
| Grain | Słód Kawowy                 | 0.5 kg (5.6%) | 80 %  | 250  |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Magnum            | 100 g  | 60 min | 13.5 %     |
| Boil    | Lublin (Lubelski) | 50 g   | 10 min | 4 %        |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |