

# Stalin

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- Gravity **19.4 BLG**
- ABV ---
- IBU **93**
- SRM **40**
- Style **Foreign Extra Stout**

## Batch size

- Expected quantity of finished beer **22.5 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **28.5 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25 liter(s)**
- Total mash volume **33.4 liter(s)**

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC  |
|-------|----------------------------|----------------|-------|------|
| Grain | Strzegom Pale Ale          | 5 kg (59.9%)   | 79 %  | 6    |
| Grain | Strzegom Monachijski typ I | 1 kg (12%)     | 79 %  | 16   |
| Grain | Strzegom Barwiący          | 0.4 kg (4.8%)  | 68 %  | 1300 |
| Grain | Czekoladowy                | 0.2 kg (2.4%)  | 60 %  | 788  |
| Grain | Jęczmień palony            | 0.35 kg (4.2%) | 55 %  | 985  |
| Grain | Strzegom pszeniczny        | 0.6 kg (7.2%)  | 81 %  | 6    |
| Grain | Strzegom Karmel 150        | 0.8 kg (9.6%)  | 75 %  | 150  |

## Hops

| Use for | Name                   | Amount | Time   | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil    | Columbus/Tomahawk/Zeus | 50 g   | 60 min | 15 %       |
| Boil    | Columbus/Tomahawk/Zeus | 20 g   | 30 min | 15 %       |
| Boil    | Columbus/Tomahawk/Zeus | 30 g   | 15 min | 15 %       |