

# Bock - wg TwójBrowar

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **27**
- SRM **18.6**
- Style **Traditional Bock**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21.5 liter(s)**
- Total mash volume **27.7 liter(s)**

## Steps

- Temp **62 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **82 C**, Time **10 min**

## Mash step by step

- Heat up **21.5 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **30 min** at **62C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **82C**
- Sparge using **8.9 liter(s)** of **76C** water or to achieve **24.2 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Monachijski                | 3 kg (48.8%)   | 80 %  | 16  |
| Grain | Strzegom Wiedeński         | 2 kg (32.5%)   | 79 %  | 10  |
| Grain | Strzegom Karmel 150        | 0.5 kg (8.1%)  | 75 %  | 150 |
| Grain | Strzegom Karmel 600        | 0.15 kg (2.4%) | 68 %  | 601 |
| Grain | BESTMALZ - Best Melanoidin | 0.5 kg (8.1%)  | 80 %  | 71  |

## Hops

| Use for | Name                | Amount | Time   | Alpha acid |
|---------|---------------------|--------|--------|------------|
| Boil    | Hallertau Tradition | 15 g   | 60 min | 6.3 %      |
| Boil    | Hallertau Tradition | 35 g   | 30 min | 6.3 %      |

## Yeasts

| Name   | Type  | Form | Amount | Laboratory |
|--------|-------|------|--------|------------|
| W34/70 | Lager | Dry  | 11.5 g | Fermentis  |

## Notes

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

- [https://twojbrowar.pl/pl/surowce-piwowarskie/zestawy-surowcow-piwowarskich/bock-16blg?search\\_query=bock&ast\\_search=fs](https://twojbrowar.pl/pl/surowce-piwowarskie/zestawy-surowcow-piwowarskich/bock-16blg?search_query=bock&ast_search=fs)

z drobnymi zmianami  
*Sep 23, 2020, 5:39 PM*