

## risior

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- Gravity **32.2 BLG**
- ABV ---
- IBU **85**
- SRM **40**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 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 liter(s) / kg**
- Mash size **42 liter(s)**
- Total mash volume **56 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale	5 kg (35.7%)	80 %	4
Grain	Bestmalz Red X	5 kg (35.7%)	79 %	30
Grain	Brown Malt (British Chocolate)	0.5 kg (3.6%)	70 %	560
Grain	Czekoladowy	0.5 kg (3.6%)	71.7 %	1200
Grain	Caramunich Malt	0.5 kg (3.6%)	71.7 %	100
Grain	Special B Malt	1 kg (7.1%)	65.2 %	315
Grain	Black Barley (Roast Barley)	1.5 kg (10.7%)	55 %	985

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	pilgrim	150 g	60 min	8 %
Boil	Kent Goldings	57 g	10 min	5.5 %
Boil	Kent Goldings	57 g	1 min	5.5 %
Boil	Centennial	30 g	60 min	10.5 %