

# Firestone Walker Union Jack

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **53**
- SRM **3.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzniejszy	3.2 kg (100%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	15 g	60 min	13.5 %
Boil	Centennial	15 g	15 min	10.5 %
Boil	Cascade	15 g	5 min	6 %
Whirlpool	Amarillo	20 g	0 min	9.5 %
Whirlpool	Centennial	10 g	0 min	10.5 %