

Cone 6 & Cone 10 Glazing Course

Makes a total of around 40 litres of glaze.

Which we will split into 5-litre batches and have enough raw material to continue to develop and test.

Student Shopping & Equipment List

1. Raw Materials

Base Materials

- Potash Feldspar – 10 kg
- Flint (Silica / Quartz) – 5 kg
- EPK Kaolin – 5 kg

Note: Ball Clay may be substituted for part or all of the EPK if preferred. Ball clay adds plasticity and a slightly warmer tone to glaze bases.

Fluxes (Melting Agents)

- Whiting (Calcium Carbonate) or Wollastonite – 5 kg
- Dolomite – 2.5 kg
- Frit 3134 – 5 kg (or Frit 3195 / 3124 if 3134 is unavailable)

Notes:

3134 → lower alumina, stronger melt, more fluid

3195 → higher alumina, more stable, less runny

- Gerstley Borate (optional boron source if frit is unavailable)

Modifiers

- Bentonite – 250 g
- Rutile – 500 g
- Titanium Dioxide (optional) – 500 g

Colourants

- Red Iron Oxide – 1 kg
- Copper Carbonate – 250 g
- Cobalt Carbonate – 250 g (optional)

Opacifiers

- Tin Oxide – 500 g
- Zircopax (Zircon Opacifier) – 1 kg