Alice Walton Ceramics

List of % Coloured Stains To Add To Porcelain

This is just a guide to the strengths that I would try if firing to
1240 degrees Celcius / 2264 degrees Fahrenheit or Cone 7.

Always test your colours as they will vary from brand to brand.

You can achieve other colours by reducing the colours (light red may make pinky colours etc) My colours seem to reach saturation after the maximum percentage % that I have listed, so adding more leads to wasted stain with no real colour difference or intensity. As you add more colour you may find the clay becomes 'short' and breaks, cracks and tears, if this is the case add a little more water and leave wrapped up for 24 – 48 hours to rest.

Stains	Oxides *Wear gloves when using*
Red 10% max	Blue (Cobalt oxide) 2% max
Orange 10% max	Blue (Cobalt carbonate) 5% max
Yellow 10% max	Brown (Manganese dioxide) 10% max
Light greens 20% max Dark greens 10% max	Browny Yellow(Iron Chromate) 5% max
Light Blues 10% max	Buff (Yellow Iron Oxide) 10% max
Dark Blues 10% max	Brown (Red Iron oxide) 10% max
Purples 20% max	Grey green (Copper oxide) 5% max
Lilacs 20% max	Green (Copper carbonate) 5% max
Pinks 20% max	
Browns 10% max	
Black 20% max	
Grey 10% max	