

# Cyan Clayworks Studio Slip 2018 revision

This is the basic slip we use for both our earthenware and stoneware based classes. It has been very reliable and stable.

The following is the batch recipe that can be multiplied, and additions added to by percent.

China Clay (kaolin)	25
Ball Clay (we use hyplas 71)	25
Potash Feldspar	25
Flint (silica)	25
<b>Total</b>	<b>100</b>
Bentonite (suspender and hardener)	5
Sodium Silicate (75TW) in grams	0.3
Water	80

When using dry ingredients, please take adequate health and safety measures like wearing a respirator.

Mix all dry ingredients together. In a separate container, add the sodium silicate to the water and mix through. Gently add dry ingredients a little at a time. Ideally leave the slip overnight as it will be better left to slake down all of the ingredients. Push the slip through a #120 sieve to make sure the ingredients are completely suspended.

<b>Colours</b>	<b>Oxides and stains</b>	<b>Oxides and stains</b>
Dark Blue	4% Cobalt Oxide	0.5% Copper Oxide
Light Blue	1% Cobalt Oxide	
New Pink	7% Hi Temperature Red Stain	1% Corn Yellow stain
Cream	5% Rutile	
Pink Cream	4% Yellow Ochre	
Yellow	10% Yellow Stain	
Speckled Green	4% Copper Oxide	
Black	10% Black Stain	