



Clays Glazes Colours

*****NEW*** Auscraft AC451
Slip Recipe
October 2014**

	Original Recipe	
	minimum	maximum
powdered clay	25 kilos	25 kilos
water	11.5 litres	12 litres
N42 Sodium Silicate	51 gm (40 mL)	95 gm (70 mL)
Dispex N40	5 gm (3.5 mL)	10 gm (7 mL)

litres of slip produced
Aim litre weight/grams per litre
biscuit
glost

19 to 20
1725
1060-1100°C/Orton Cone 04 to 03
1000-1060°C/Orton Cone 06 to 04

Recommended Method

1. Add water to mixer.
 2. Add minimum Sodium Silicate N42 diluted 50/50 with warm water. –
 3. Mix and put aside minimum Dispex N40 diluted 50/50 with warm water.
 4. Agitate mixer as you add some of the clay: the slip will gradually thicken. Add a small amount of Dispex N40 mixture to maintain fluidity. Then add more clay.
 5. Continue this process until all the clay is in the mixer and a smooth creamy consistency is obtained the maximum amount of Dispex N40 should **not** have been needed to this stage.
 6. Check the litre weight.
If litre weight is higher than the aim add water.
If litre weight is lower than the aim add clay.
- For accurate litre weight measurement contact Walkers for a **litre weight bottle and calculation chart.**
7. Mix for 1 hour (more for multi bag mixes) then check if more Dispex N40 mixture is required for pouring fluidity.
 8. Allow slip to mature for 24 hours.
 9. Reblend.
 10. Sieve through an 80 mesh screen before use.

For multi bag mixes proceed as above but leave addition of Dispex N40 until final adjustment.

**Melbourne : 2/21 Research Drive, Croydon South 3136 03 8761 6322
Canberra : 289 Canberra Avenue Fyshwick 2609 02 6280 5700**