



LIMOGES PORCELAIN CM10 (AW500) Slip Recipe 2016

Clays Glazes Colours

	minimum	maximum
powdered clay	25 kilos	25 kilos
water	9 litres	12 litres
N42 Sodium Silicate	not required *	not required *
Dispex	0g	12.5g

Litres of slip produced	19 to 20
aim litre weight / grams per litre	1725 to 1745
aim fluidity	310 / 290 / 280
biscuit (minimum)	950 to 980°C Orton Cone 08 to 07
Glost reducing atmosphere	1260 to 1280°C Orton Cone 8 to 9
Glost oxidizing atmosphere	1220 to 1240°C Orton Cone 6 to 7

Recommended Method

1. add water to mixer
2. agitate mixer as you add some of the clay
the slip will gradually thicken
then add more clay
continue this process until all the clay is in the mixer and a smooth creamy consistency is obtained

3. 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**

4. mix for 1 hour (more for multi bag mixes)
5. allow slip to mature for 24-36 hours (it will generally become more fluid over this time)
6. reblend and check if any Dispex is required for pouring fluidity (the powder already contains deflocculents)
7. sieve through an 80 mesh screen before use

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