

CASTING SLIP RECIPES



The recipes shown below make approximately 25 gallons of casting slip (apart from those marked with an *). The pint weight is approximately 35 - 35 1/2 ounces. The below information is based on Valentine Clays Casting Slips and is subject to change and your personal requirements or adjustments that may be needed.

Standard Red Terracotta			
Clay	Water	Soda Ash	Sodium Silicate 140s
200kgs	7 gallons	110gms	310gms
12.5kgs*	2 Litres	7gms	19.4gms

B17C Stoneware			
Clay	Water	Soda Ash	Sodium Silicate 140s
175kgs	7 gallons	100gms	240gms
12.5kgs*	2.2 Litres	7gms	17gms

Special Porcelain			
Clay	Water	Soda Ash	Sodium Silicate 140s
225kgs	7 gallons	-	200gms
12.5kgs*	2 Litres	-	12.5gms

Bone China			
Clay	Water	Soda Ash	Sodium Silicate 75s
225kgs	7 gallons	-	510gms
12.5kgs*	1.8 Litres	-	28.5gms

Standard White Earthenware			
Clay	Water	Soda Ash	Sodium Silicate 140s
225kgs	5 gallons	80gms	250gms
12.5kgs*	1.26 Litres	4.5gms	14gms

ES 10 (Extra Smooth)			
Clay	Water	Soda Ash	Sodium Silicate 75s
225kgs	7 gallons	40gms	600ms
12.5kgs*	1.8 Litres	2.5gms	33.5gms

Industrial Porcelain			
Clay	Water	Soda Ash	Sodium Silicate 75s
225kgs	-	-	-
12.5kgs*	2.6 Litres	-	37gms

ES 170 (Glacier Porcelain)			
Clay	Water	Soda Ash	Sodium Silicate 140s
70kgs	15 Litres	-	140gms
12.5kgs*	-	-	-

HT Stoneware			
Clay	Water	Soda Ash	Sodium Silicate 140s
225kgs	5 gallons	100gms	650gms
12.5kgs*	-	-	-

Millennium White Stoneware			
Clay	Water	Soda Ash	Sodium Silicate 140s
180kgs	4.5 gallons	80gms	250gms
12.5kgs*	1.42 Litres	5.5gms	17.5gms

P2 Porcelain			
Clay	Water	Soda Ash	Sodium Silicate 75s
225kgs	6 gallons	-	425gms
12.5kgs*	1.5 Litres	-	23.5gms

Parian			
Clay	Water	Soda Ash	Sodium Silicate 140s
225kgs	7 gallons	-	200gms
12.5kgs*	1.8 Litres	-	11gms

LF White Earthenware			
Clay	Water	Soda Ash	Sodium Silicate 140s
200kgs	5 gallons	60gms	200gms
12.5kgs*	1.42 Litres	4gms	12.5gms

ETC Semi Porcelain			
Clay	Hot Water	Soda Ash	Sodium Silicate 140s
10kgs*	4 Litres	-	6.4gms

Q Cast Powder			
Clay	Water	Soda Ash	Sodium Silicate 140s
10kgs*	3.6 Litres	40gms	21gms

Porcelain Powder			
Clay	Water	Soda Ash	Sodium Silicate 140s
10kgs*	5 Litres	-	12gms

White Earthenware Powder			
Clay	Water	Soda Ash	Sodium Silicate 140s
10kgs*	4 Litres	-	34gms