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Casting Slip - Adjustment

For best results, please adjust your slurry before use according to the parameters in the chart.

1. Always measure **Density** first
    a. Density is the "concentration" of particles in a liquid. Measured by weight, you need a 1000ml graduated cylinder and a precision scale to check it. Fill the cylinder to 1000 ml and weigh it, having taken care to tare your scale beforehand.
2. Measuring **Viscosity** After Adjusting Density
    a. Viscosity is the resistance of a liquid to flow. Fill a LEMMER paint viscometer to the brim and calculate the liquid flow time.
    b. If the slip takes too long to drain, add a little deflocculant at a time, too much deflocculant will have the opposite effect and the slip will thicken.
    c. We suggest stirring for 5 minutes before adding any more sodium silicate to allow it to maximize its effect.
3. **Deflocculant**
    a. The deflocculant used to adjust the viscosity is sodium silicate. NEVER ADD UNDILUTED SODIUM SILICATE to the slip. You should always dilute it with a like amount of water.

High Density	• Add water
High Viscosity	• Add Sodium Silicate

2860, Le Corbusier, Laval, Qc (Canada), H7L 3S1 ☎ 450-687-4046 www.sialart.com

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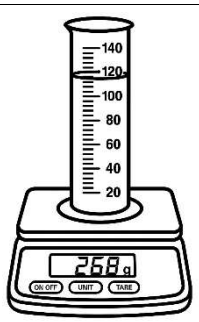
💡 **Practical tip** : Always adjust **little by little**

	 **Density**	 **Viscosity**
Slip	**± 5 g/l.**	**± 5 sec.**
05M	1763	33
124M	1765	30
A1	1780	32
B1	1780	33
Semi-Stoneware	1775	33
Terra-Cotta	1763	33