

## DRY SLIP MIXING INSTRUCTIONS

1. DETERMINE THE SIZE OF THE BATCH YOU WISH TO MAKE.
2. DETERMINE THE AMOUNT OF DARVAN AND WATER REQUIRED.

<b>Gallons of Slip</b>	<b>Dry Clay</b>	<b>Water</b>	<b>Darvan 811</b>
5	50 lbs.	2.5 Gals. or 20 lbs.	1.5 Fluid Oz. or 58 Grams
25	250 lbs.	12.5 Gals. or 100 lbs.	7.5 Fluid Oz. or 290 Grams
100	1000 lbs.	50 Gals. or 400 lbs.	30 Fluid Oz. or 1160 grams (2.5 lbs.)

3. DISSOLVE DARVAN IN WARM WATER. MIX THOROUGHLY.
4. ADD THE DRY MIX SLOWLY WHILE THE MIXER IS ON.
5. ALLOW SLIP TO MIX A FEW HOURS. PERIODICALLY CHECK THE THICKNESS OF THE SLIP, ADD VERY SMALL AMOUNTS OF DARVAN TO ADJUST THICKNESS OR VISCOSITY. THE MORE DARVAN YOU ADD THE THINNER THE SLIP WILL BECOME.
6. AFTER THE SLIP IS THOROUGHLY MIXED AND IS APPROXIMATELY THE CONSISTENCY YOU DESIRE, WEIGH IT, COMPARE THAT WEIGHT WITH YOUR MOST SUCCESSFUL SLIP TO DETERMINE IF IT HAS APPROXIMATELY THE SAME WEIGHT. NEXT YOU WILL WANT TO KNOW THE SPECIFIC GRAVITY OF YOUR SLIP. WEIGH A CONTAINER FULL OF WATER, THEN WEIGH THE SAME CONTAINER FULL OF SLIP, DIVIDE THE WEIGHT OF THE SLIP BY THE WEIGHT OF THE WATER AND THIS WILL GIVE YOU YOUR SPECIFIC GRAVITY. SPECIFIC GRAVITY USUALLY FALLS BETWEEN 1.75 TO 1.80.
7. IF THE SLIP IS OVER 1.80 ADD WATER TO LOWER THE SPECIFIC GRAVITY IF UNDER 1.75 ADD DRY MATERIAL. ONCE YOU HAVE THE CORRECT WEIGHT AND SPECIFIC GRAVITY YOU CAN ADD MORE DARVAN TO ADJUST POURING CONSISTENCY.

**MIX RAW MATERIALS IN A WELL VENTILATED AREA**