

# SHOTCRETE/GROUT

## Admixture Inducement Instructions

Note: Kel-Crete Premium Liquid Admixture is a value-added, controlled product.

### Ready-mixed plant inducement:

1. Use standard procedure for admixture inducement.
2. Add a maximum of **3 to 5 ozs. per cubic yard for standard 7-sack cement mix design. For additional cement sack mix designs or sand variations call 1-800-845-1833.**
3. Turn truck mixing drum **4 to 5 revolutions at full speed.**
4. Reduce truck mixing drum speed to the **lowest possible speed** for transportation.

### Job-site inducement:

1. **Always** order the shotcrete/grout mix out from the plant at **1" less slump** than required at the job-site. Mix shall not contain any water reducers or air entraining agents.
2. Add a **maximum of 3 to 5 ozs. per cubic yard** to ready-mixed shotcrete/grout **for standard 7-cement sack mix design. For additional cement sack designs or for sand variations call 1-800-845-1833. Make sure all the admixture gets into the concrete/shotcrete/grout mix.** Use truck water hose and a **small amount** of water for this purpose.
3. Turn truck mixing drum **full speed for 2 ½ minutes or 25 revolutions** then pump the completed mix.

### Kel-Crete Liquid Admixture complies

Water reducer	ASTM C-494 Type A
Water reducer and plasticizer	ASTM C-494 Type F
Air entraining	ASTM C-260

### Additional Advantages with using Kel-Crete Premium Liquid

#### Admixture:

Gelling agent	Easier pumping
Water retention	Reduced rebound
Color retention	Reduced equipment costs
Reduced bleed water	Reduced fuel costs
Non-toxic	Reduced labor costs
Non-hazardous	Lower material costs
Increased Flow	Increased Pumping Distance