



TECHNICAL
DATA SHEET
CF 908 Liquid Carbon Black

PO Box 8288 Springfield, IL 62791
1-800-624-0261

Chemical Name:....Liquid Carbon Black

Color:.....BLACK

Product Description

Basic Use: Solomon Colors, Inc. CF 908 Liquid Carbon Black is designed for use in cementitious slump applications. Carbon Black is used in the manufacturing of ready mix concrete, driveways, sidewalks, patios, grout, vertical precast and poured-in-place concrete construction. **Mixing:** Mixer should be loaded to a minimum or 40% capacity to ensure good color dispersion. Be sure to use the same mix design and maintain a consistent water to cement ratio throughout the job with a maximum of 4” slump (higher slumps may be obtained by using a water reducer or plasticizer). Mix at high speed a minimum of 10 minutes before pouring concrete. Color variations may occur if batch proportion and slump are not maintained from load to load. After pour has begun, adding water to the load to improve workability should be kept to a minimum. **Limitations:** A level of 2% color based on the weight of total cementitious material used is the color saturation point. Color added in excess of 2% will not provide additional benefits. The suggested “optimum” range is 1% to 2% pigment loading based on total cementitious material weight. (Cement, Lime, Fly Ash, GBFS). Due to the particle size of Carbon, Carbon has a tendency to dissipate out of concrete over time. Solomon Colors recommends sealing the concrete periodically as this will help slow this process down and in some cases prevent it. Carbon particles will decrease the amount of entrained air during the mixing process. Monitoring air content to specification may be necessary.

Specification	
Chemical Family	Carbon
Appearance	Liquid
Color	Black
Percent of Carbon	34% \pm 1%
Total Percent Solids	37.5% \pm 1%
Dispersing Aid Type	Anionic
PH	9.5-11.5
Hegman Grind	6+ min
Weight Per Gallon	9.7 \pm 5%
Specific Gravity	1.16 \pm 5%