RMC offers the Silica Flour to be used in geothermal well cement whenever the cement will be exposed to temperatures of 230°F or higher to at least 450°F. It prevents the loss of strength, or retrogression, that geothermal well cement would otherwise experience at these temperatures.

GENERAL INFORMATION
Silica Flour is used in geothermal well cement whenever the cement will be exposed to temperatures of 230°F or higher. It prevents the loss of strength, or retrogression, that oilwell cement would otherwise experience at these temperatures.

RECOMMENDED USES
Silica Flour is typically added at 35% by weight of cement for slurries to be used from 230°F to 450°F. Normal water requirement is 40% by weight of silica flour (or 1.58 gal/sack at this 35% loading).

PHYSICAL PROPERTIES
Specific gravity: 2.63 (water=1) 
Appearance: White powder 
Absolute volume: 0.0456 gal/lb 
Bulk Density: 70 lb/cu.ft. 
Solubility in Water: Insoluble 
Silica Flour is finely ground silica sand.

OTHER SILICA SANDS OFFERED
Whole Grain Silica 
Specialty Screened Silica 
Industrial Sands