



To Whom It May Concern,

November 12, 2014

Multicrete Systems has successfully trialed and implemented the use of Acti-Gel® in our Diavik Hybrid Wet-Mix Shotcrete. Although silica fume has not been completely eliminated from that mix (based on a demand from Diavik), dramatic reduction in Accelerator dosages have resulted (reduced from as high as 12% down to 6%). The accelerator dosage was decreased in 1% intervals from 12 to 5%. At 5%, the mix finally started to push on the receiving surface. It was increased back up to 6% where the mix stuck and built up very nicely. Early strength requirements were still achieved with the reduced accelerator content as well. The 28 day compressive strength target for cored samples is 35 MPa (5000 psi).

Acti-Gel is also being incorporated into several other Multicrete Products such as a non-shrink grout, a sub-zero grout, a precast project and others.

As far as field wet mix shotcrete trial tests that have been confirmed, the above mentioned accelerator reduction, the reduction and/or elimination of silica fume, decreased pumping pressures and a dramatic reduction in airborne particulate are all net benefits.

Multicrete strongly feels that Acti-Gel is an effective additive that continues to provide cost effective benefits.

Please feel free to contact me if you have any questions or concerns.

Sincerely,

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