



TYTRO[®]

Shotcrete System

Rheology Control

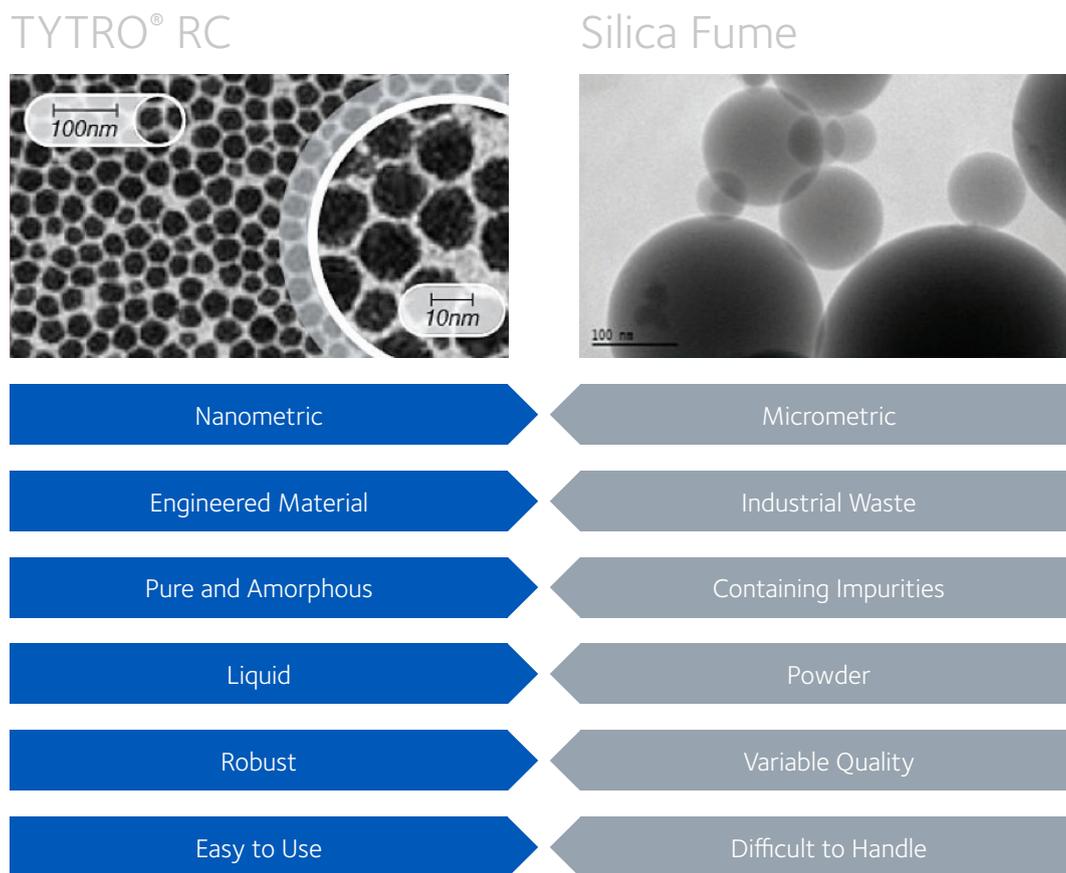
Rheology Control

TYTRO® RC innovative rheology control admixtures are designed to reduce our customers' installed material cost when used as a replacement for silica fume and in combination with other pozzolanic materials.

TYTRO® RC products provide superior bond to rock substrate, faster strength development, enhanced sprayability and pumpability characteristics, and minimum rebound and dust in tunnels and underground mining shotcrete applications.

Featuring the latest in nanotechnology, TYTRO® RC products contain a liquid dispersion of discrete, spherical, uniformly distributed nanometric particles of amorphous silica for use in shotcrete.

TYTRO® RC vs. Traditional Pozzolanic Materials:



Tytro® RC vs. Silica Fume

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| <ul style="list-style-type: none"> • Highly dosage-efficient – Very low dosage rates to meet performance specifications • Enhanced sprayability – Improved cohesion • Lower rebound and dust – Minimum material waste • Reduced cycle times – Larger layer thickness in a single pass • Faster early strength | <ul style="list-style-type: none"> • Comparable later strength and durability – High resistance to water penetration due to reduced permeability • Safer and healthier to handle • Robust and easier to dispense and dose • More consistent quality • Easier to store – Free up silo space |
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