

# TYTRO® RC 430

## High performance, rheology-control admixture for shotcrete

### Product Description

TYTRO® 430 RC is a high performance, liquid rheology-control admixture based on nanometric colloidal silica formulated to improve cohesion, adhesion and early strength development to shotcrete.

### Application

TYTRO RC 430 is suitable for all shotcrete applications where high early and final strength, low rebound, and large layer thickness in a single pass are required, and especially in the following applications:

- Temporary and permanent rock support in tunnels
- Rock support in mining
- Slope stabilisation

### Product Advantages

- Reduces or eliminates silica fume
- Improves sprayability
- Reduces rebound losses
- Allows large layer thickness in a single pass
- Low dust in spray applications
- Robust and easy to formulate

### Addition Rates

The dosage of TYTRO RC 430 ranges between 0.5% and 2% by weight of cement.

It is GCP's recommendation that trials are conducted beforehand to determine the optimum dose range to suit your application. If further assistance is required, please consult your GCP representative.

### Compatibility

TYTRO RC 430 is compatible with all TYTRO admixtures for shotcrete applications. For use with other shotcrete admixture systems, we recommend you to contact GCP Applied Technologies for further advice.

### Packaging & Storage

TYTRO RC 430 is available in 1,000L totes and by bulk delivery. Shelf life is 12 months.

### Dispensing Equipment

Please contact your local GCP representative for further information regarding the dispensing equipment for this product.

### Health and Safety

Please see TYTRO RC 430 Material Safety Data Sheet or consult GCP Applied Technologies.

[gcpat.com](http://gcpat.com) | For technical information: [asia.enq@gcpat.com](mailto:asia.enq@gcpat.com)

Australia 1800 855 525 New Zealand +64 9 448 1146 China Mainland +86 21 3158 2888 Hong Kong +852 2675 7898  
India: Chennai +91 44 6624 2308 Delhi +91 124 402 8923 Indonesia +62 21 893 4260 Japan +81 3 5226 0231 Korea +82 32 820 0800  
Malaysia +60 3 9074 6133 Philippines +63 49 549 7373 Singapore +65 6265 3033 Thailand +66 2 709 4470 Vietnam +84 8 3710 6168

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GCP Applied Technologies Inc., 62 Whittemore Avenue, Cambridge, MA 02140, USA

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