

# MasterGlenium® 7920

## High-Range Water-Reducing Admixture

### Description

MasterGlenium 7920 ready-to-use high-range water-reducing admixture is based on the next generation of polycarboxylate technology. This technology incorporates state-of-the-art molecular engineering to provide fast wet-out of powder materials.

MasterGlenium 7920 admixture is effective in improving the day-to-day production efficiency of a concrete plant by rapidly dispersing powder materials in concrete mixtures, thereby minimizing mixing time. It is formulated to meet ASTM C 494 requirements for Type A, water-reducing, and Type F, high-range water-reducing, admixtures.

### Applications

Recommended for use in:

- Concrete requiring high-early compressive strength development
- Concrete mixtures with low w/cm and/or high powder contents
- Production of self-consolidating concrete (SCC) mixtures
- Green Sense® Concrete

### Features

- Dosage flexibility
- Rapid cement dispersion
- Superior early and ultimate strengths

### Benefits

- Optimized mixture costs
- Shorter mixing time in central mixers
- Increased productivity
- Greater batch-to-batch consistency

### Guidelines for Use

**Dosage:** MasterGlenium 7920 admixture has a recommended dosage range of 2-12 fl oz/cwt (130-780 mL/100 kg) of cementitious materials. For most applications, dosages in the range of 2-8 fl oz/cwt (130-520 mL/100 kg) will provide excellent performance. For very high performance and SCC mixtures, up to 12 fl oz/cwt (780 mL/100 kg) of cementitious materials can be utilized. Because of variations in concrete materials, job site conditions and/or applications, dosages outside of this range may be required. In such cases, contact your local sales representative.

**Mixing:** MasterGlenium 7920 admixture can be added with the initial batch water or as a delayed addition. However, optimum water reduction is generally obtained with a delayed addition.

### Product Notes

**Corrosivity – Non-Chloride, Non-Corrosive:** MasterGlenium 7920 admixture will neither initiate nor promote corrosion of reinforcing steel embedded in concrete, prestressing steel or of galvanized steel floor and roof systems. Neither calcium chloride nor other chloride-based ingredients are used in the manufacture of MasterGlenium 7920 admixture.

**Compatibility:** MasterGlenium 7920 admixture is compatible with most admixtures used in the production of quality concrete, including normal, mid- and high-range water reducers, accelerators, retarders, extended-set control admixtures, air entrainers, corrosion inhibitors, and shrinkage reducers. **Do not use MasterGlenium 7920 admixture with admixtures containing beta-naphthalene sulfonate. Erratic behaviors in slump, workability retention and pumpability may be experienced.**

## Storage and Handling

**Storage Temperature:** MasterGlenium 7920 admixture must be stored at temperatures above 40 °F (5 °C). If MasterGlenium 7920 admixture freezes, thaw and reconstitute by mechanical agitation. **Do not use pressurized air for agitation.**

**Shelf Life:** MasterGlenium 7920 admixture has a minimum shelf life of 6 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact your local sales representative regarding suitability for use and dosage recommendations if the shelf life of MasterGlenium 7920 admixture has been exceeded.

## Packaging

MasterGlenium 7920 admixture is supplied in 55 gal (208 L) drums, 275 gal (1040 L) totes and by bulk delivery.

## Related Documents

Safety Data Sheets: MasterGlenium 7920 admixture

## Additional Information

For additional information on MasterGlenium 7920 admixture or on its use in developing concrete mixtures with special performance characteristics, contact your BASF representative.

*The Admixture Systems business of BASF's Construction Chemicals division is the leading provider of solutions that improve placement, pumping, finishing, appearance and performance characteristics of specialty concrete used in the ready-mixed, precast, manufactured concrete products, underground construction and paving markets. For over 100 years we have offered reliable products and innovative technologies, and through the Master Builders Solutions brand, we are connected globally with experts from many fields to provide sustainable solutions for the construction industry.*

## Limited Warranty Notice

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