

## Recommended dosages

	Dosage
<b>Water Reducers</b>	fl oz/cwt (mL/100 kg)
MasterPozzolith 80	4-10 (260-650)
MasterPozzolith 200 N	3-6 (195-390)
MasterPozzolith 210	3-6 (195-390)
MasterPozzolith 700 N	3-5 (195-325)
MasterPozzolith 322 N	3-7 (195-460)

<b>Mid-Range Water Reducers</b>	fl oz/cwt (mL/100 kg)
MasterPolyheed 1000 Series	3-12 (195-780)
MasterPolyheed 997	3-15 (195-980)
MasterPolyheed 900	3-15 (195-980)
MasterPolyheed N	3-15 (195-980)

<b>High Range Water Reducers</b>	fl oz/cwt (mL/100 kg)
MasterGlenium 1466	2-10 (130-650)
MasterGlenium 3030	3-18 (195-1170)
MasterGlenium 3400	2-12 (130-780)
MasterGlenium 7500	2-15 (130-980)
MasterGlenium 7511	3-15 (195-975)
MasterGlenium 7700	2-15 (130-980)
MasterGlenium 7710	2-15 (130-980)
MasterGlenium 7620/7920/7925	2-12 (130-780)
MasterRheobuild 1000	10-25 (650-1625)

<b>Accelerators</b>	fl oz/cwt (mL/100 kg)
MasterSet AC 534	10-45 (650-2920)
MasterSet FP 20	5-60 (325-3910)
MasterSet AC 122	16-64 (1040-4170)

<b>Retarders and Hydration Control Admixtures</b>	fl oz/cwt (mL/100 kg)
MasterSet DELVO	Contact BASF
MasterSet R 100	2-4 (130-260)
MasterSet R 300	3-5 (195-325)

<b>Air Entrainers and Foaming Agents</b>	fl oz/cwt (mL/100 kg)
MasterAir AE 400	0.25-4 (16-260)
MasterAir AE 200	0.125-1.5 (8-100)
MasterAir AE 90	0.25-4 (16-260)
MasterCell 30	Contact BASF

	Dosage
<b>Air-Deentraining Admixture</b>	fl oz/cwt (mL/100 kg)
MasterSure 1390	0.2-3.0 (15-200)

<b>Viscosity-Modifying Admixtures</b>	fl oz/cwt (mL/100 kg)
MasterMatrix VMA 358	Up to 10 (Up to 650)
MasterMatrix VMA 362	2-14 (130-910)
MasterMatrix VMA 450	0.5-4 (32-260)

<b>Workability-Retaining Admixture</b>	fl oz/cwt (mL/100 kg)
MasterSure Z 60	3-12 (195-780)

<b>Silica Fume and Corrosion Inhibitors</b>	
MasterLife SF 100	5-15% by mass of cement
MasterLife CI 222	1 gal/yd <sup>3</sup> (5.0 L/m <sup>3</sup> )
MasterLife CI 30	1-6 gal/yd <sup>3</sup> (5-30 L/m <sup>3</sup> )

<b>Shrinkage and Crack Reducers</b>	gal/yd <sup>3</sup> (L/m <sup>3</sup> )
MasterLife SRA 035	0.5-1.5 (2.5-7.5)
MasterLife CRA 007	1-2 (5-10)

<b>Anti-Washout Admixture</b>	fl oz/cwt (mL/100 kg)
MasterMatrix UW 450	4-20 (260-1300)

<b>Strength-Enhancing Admixture</b>	
Master X-Seed 55	4-15 (260-980)

<b>ASR Inhibitor*</b>	
MasterLife ASR 30	Contact BASF

<b>Integral Waterproofing Admixture</b>	
MasterLife 300D	2% by mass of cement

**MASTER<sup>®</sup>  
BUILDERS<sup>®</sup>  
SOLUTIONS**

**BASF**  
We create chemistry



# Admixture Performance Guide For Improving Concrete



## Master Builders Solutions from BASF

The Master Builders Solutions brand brings all of BASF's expertise together to create chemical solutions for new construction, maintenance, repair and renovation of structures. Master Builders Solutions is built on the experience gained from more than a century in the construction industry.

The know-how and experience of a global community of BASF construction experts form the core of Master Builders Solutions. We combine the right elements from our portfolio to solve your specific construction challenges.

We collaborate across areas of expertise and regions and draw on the experience gained from countless construction projects worldwide. We leverage global BASF technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make you more successful and drive sustainable construction. The comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing solutions, sealants, concrete repair and protection solutions, performance grouts, performance flooring solutions.

## Master Builders Solutions products from BASF for the Construction Industry:

**MasterAir<sup>®</sup>**  
Solutions for air-entrained concrete

**MasterBrace<sup>®</sup>**  
Solutions for concrete strengthening

**MasterCast<sup>®</sup>**  
Solutions for manufactured concrete products

**MasterCem<sup>®</sup>**  
Solutions for cement manufacture

**MasterColor<sup>®</sup>**  
Solutions for concrete coloring

**MasterEmaco<sup>®</sup>**  
Solutions for concrete repair

**MasterFiber<sup>®</sup>**  
Comprehensive solutions for fiber reinforced concrete

**MasterFinish<sup>®</sup>**  
Solutions for formwork treatment

**MasterFlow<sup>®</sup>**  
Solutions for precision grouting

**MasterGlenium<sup>®</sup>**  
Solutions for high-performance flowing concrete

**MasterInject<sup>®</sup>**  
Solutions for concrete injection

**MasterKure<sup>®</sup>**  
Solutions for concrete curing

**MasterLife<sup>®</sup>**  
Solutions for enhanced durability

**MasterMatrix<sup>®</sup>**  
Advanced rheology control solutions for self-consolidating concrete

**MasterPel<sup>®</sup>**  
Solutions for watertight concrete

**MasterPolyheed<sup>®</sup>**  
Solutions for moderate slump concrete with superior finishability

**MasterPozzolith<sup>®</sup>**  
Solutions for conventional slump concrete

**MasterProtect<sup>®</sup>**  
Solutions for concrete protection

**MasterRheobuild<sup>®</sup>**  
Solutions for high slump concrete

**MasterRoc<sup>®</sup>**  
Solutions for underground construction

**MasterSeal<sup>®</sup>**  
Solutions for waterproofing and sealing

**MasterSet<sup>®</sup>**  
Solutions for set control

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Solutions for workability control

**MasterTop<sup>®</sup>**  
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# Admixture Product Performance Guide for Improving Concrete

- Superior Performance
- Excellent Performance
- Better Performance
- Good Performance

This guide shows the relative performance and properties of various admixture products in comparison to a reference mixture. Depending on the local concrete materials and mixture proportions used, the performance obtained may be different from the performance shown in this guide. Contact your local sales representative for additional information on the performance of Master Builders Solutions brand admixtures with concrete materials and mixture proportions in your area.

