



## Project Spotlight

# MSG Sphere

### Project

MSG Sphere

### Location

Las Vegas, NV

### Concrete Producer

Nevada Ready Mix

### Application

The world's largest spherical structure at 366ft (111m) tall

### Concrete Volume

80,000 yds<sup>3</sup> (73,000 m<sup>3</sup>)  
High performance concrete

### Products Used

Silica Fume  
MasterLife SRA 035 admixture  
MasterLife 300D admixture  
Master X-Seed admixture

### Highlights

10K PSI (69.0 MPa) concrete was used for raker beams and tub girders  
Waterproofing was required for the basement  
Project was specified to have 0.030 shrinkage throughout the structure

### Master Builders Solutions Admixtures US, LLC

23700 Chagrin Boulevard  
Beachwood, OH 44122 USA  
(800)628-9990

[master-builders-solutions.com/en-us](https://master-builders-solutions.com/en-us)  
[admixture@masterbuilders.com](mailto:admixture@masterbuilders.com)

### Master Builders Solutions Canada, Inc

1800 Clark Boulevard  
Brampton, Ontario L6T 4M7 CANADA  
(289) 360-1300

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