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» BUILDERS
SOLUTIONS

■ - BASF
We create chemistry



MB Slab[®] System

Extended-Joint Spacing
Solution for Concrete Slab
on Ground Construction

Contraction joints in concrete slabs-on-ground serve a noble purpose by minimizing mid-panel cracking. The downside, however, is that joint edge deterioration and corner cracking at joint intersections can occur, posing maintenance and safety issues that often become costly.

To minimize such occurrences and the associated costs, engineers and contractors are adopting procedures and material recommendations to extend the contraction joints. At the forefront of this extended-joint spacing (EJS) movement is BASF—with a complete EJS system to either extend joint spacing or construct jointless slabs-on-ground in various applications.

GOING ABOVE AND BEYOND

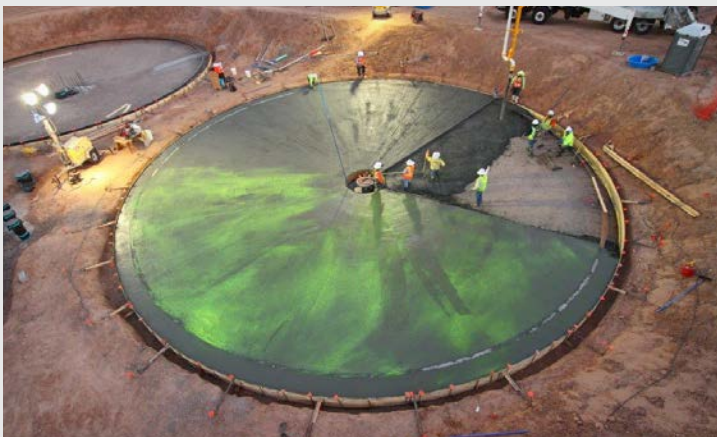
BASF has taken the lead in EJS technology and implementation by offering a revolutionary approach:

A 3-pronged product portfolio customizable to specific project needs:

- MasterFiber® MAC 360 FF Fiber – a synthetic hybrid fiber engineered to deliver exceptional flexural toughness and unparalleled finishing aesthetics
- MasterLife® crack and/or shrinkage reducing admixtures significantly minimize curling and cracking potential
- MasterGlenium® high-range water reducers – delivers slump retention, strength and durability

Unmatched technical and site support services:

- Largest service network of experienced professionals offering local EJS customer service and support
- Master Builders Solutions Intelligent e-Tool – designed to dial-in the correct admixture dosages for a given application
- Online technical literature



BENEFITS OF THE MB SLAB SYSTEM

- Flexibility in achieving a desired joint spacing
- Inherently low drying shrinkage to reduce curling and the potential for cracking
- Excellent finishability to enhance the aesthetics of concrete slabs
- Faster slab construction and increased safety
- Fewer joints and reduced maintenance costs
- Increased durability and service life

Photo: Courtesy of Global Water, Phoenix

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