

Octodowel®

Solves construction joint failures

ENGINEERS, BY SPECIFYING OCTODOWEL®, CAN PREVENT CONSTRUCTION JOINT FAILURE

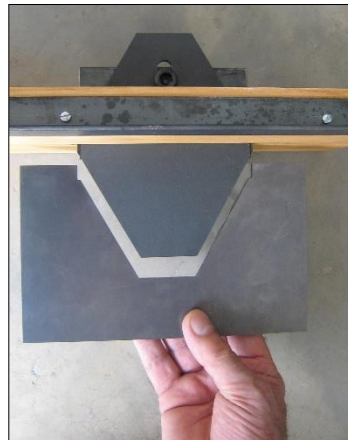
STRESS CONCENTRATION IS THE PRIMARY CAUSE OF CONSTRUCTION JOINTS FAILING IN INDUSTRIAL CONCRETE FLOORS.

THE **OCTODOWEL®** AND FOUR CRITICAL CONSTRUCTION TECHNIQUES PROVIDE SUPERIOR PERFORMANCE BY ILLIMINATION OF STRESS CONCENTRATION.

- Install **OCTODOWEL®**
- Eliminate meniscus
- Mirror adjacent slab undulations
- Cut joint accurately over initial crack
- Insert full depth minimum 60 shore hardness joint filler

ACI Committee 302.1R-04 recommends plate dowels for best industrial floor performance.

OCTODOWEL® is the best plate dowel available on the South African market and is the only dowel with a precision alignment device and ease of engineering quality check.



For Technical advice:

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For Installation and Quotation:

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TYPICAL AVOIDABLE JOINT FAILURES



Cracking adjacent to construction joint



One sided construction joint failure



Failed joint with associated slab curling



Misplaced saw cut with associated slab curling



Undefined shutter edge with associated slab curling



Poorly attempted repair

Samson ~ Solutions for Construction

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