

DUCTILCRETE[®] FS100 System

System Description

DUCTILCRETE[®] FS100 is an engineered system for concrete slabs. The DUCTILCRETE[®] FS100 system is specifically designed for cold storage and freezer warehouse applications providing high performance, flat concrete slabs with column line joint spacing, increased load carrying capacity and reduced maintenance when compared to traditional slab construction systems.

Application Types

DUCTILCRETE[®] FS100 is recommended for the construction of new interior concrete slabs. Typical end use applications:

- Cold storages
- Freezer warehouses
- Food service and manufacturing

System Advantages

Interior concrete slabs designed and installed with DUCTILCRETE[®] FS100 will typically have the following advantages vs. conventional concrete slabs:

- Up to 75% contraction joint reduction
- Reduced curling
- Reduced long-term maintenance
- 5-year warranty provided by licensed contractor
- Sustainable – on average approximately 15% less concrete is used
- Increased load carrying capacity
- Elimination of wire mesh/rebar/steel fibers in the body of the slab

System Information

DUCTILCRETE[®] FS100 is an engineered system comprising of project specific slab designs, blends of proprietary liquid admixtures and synthetic fibers, and placement practices.

The DUCTILCRETE[®] liquid admixtures and DUCTILCRETE[®] fibers are delivered ready-to-use to the jobsite and shall be used in strict accordance with manufacturer's recommendations and design.

Specifications and Installation Guidance

Refer to the latest DUCTILCRETE[®] "Standard Interior Floor Slab Specification" for design and installation guidance which can be obtained from your local GCP representative.

The DUCTILCRETE® technology is covered by US Patent Nos. 7,968,178 and 9,828,768.

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