



ION Orchard

Singapore



Completion Date
2010

Architect
**BENOY & RSP ARCHITECTS
& ENGINEERS**

Contractor
**PENTA-OCEAN
CONSTRUCTION CO. LTD.**

Products
**ADMIX C-1000 NF,
CONCENTRATE**

Project Type
**GENERAL CONSTRUCTION -
FOUNDATION**



Xypex was pleased to be selected by Penta-Ocean Construction Co. Ltd. as the specified concrete waterproofing product for another of their major construction projects: the prestigious 61,300 m² ION Orchard retail mall in Singapore's prime retail district. The prerequisites and demands of the construction schedule were high and delays and setbacks were to be avoided. Penta-Ocean chose Xypex with a confidence based on a lengthy history of working successfully with Xypex on many of their large projects (eg. Singapore's award-winning Esplanade Theatres on The Bay.)

Xypex **Admix C-1000 NF** was chosen not only because it was the most reliable solution for waterproofing and protecting the critical substructure—the basement and roof concrete slabs—but, because it is blended into the concrete mix at the time of batching, it offered considerable control benefits in the overall construction scheduling process. Xypex **Concentrate** was used to waterproof construction joints.

ION Orchard delivers a design that goes beyond the conventional, offering visitors an unparalleled shopping experience. Located in the heart of the city, the mall represents a significant expansion of Singapore's public sphere, providing both internal and external spaces to be enjoyed by all.