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**CHALLENGE**

The key concerns of engineers for this above ground tank built in Norwalk, Connecticut was that it must be cost effective and it could be done within the confines of an existing building. The tank would be built indoors to supply water for fire emergencies to a large retail mall and furnish a health spa. The water containment tank would be approximately 20 feet high, 30 feet wide and 40 feet long to hold nearly 40,000 gallons of water.



**PERFORMANCE**

The 40,000-gallon tank was made watertight by the sole use of KIM in the concrete and the Krystol Waterstop System for all construction joints. Due to the tank being above ground and indoors it has facilitated routine inspections. Since March 1999, the structure shows no water dampness, leaks or seepage of any kind.



*Difficult concrete pumping and building requirements for the indoor structure. KIM in the mix facilitates this unique design option.*



*Construction waterstop joint prepared with KIM Waterstop Treatment.*

LOCATION  
**Norwalk, Connecticut**

CONCRETE SUPPLIER  
**O & G Industries**

GENERAL CONTRACTOR  
**Tri Star Building Corporation**