

## Project brief

**TYPE OF FACILITY:**  
Manufacturing Plant



### Crown Packaging

■ Vancouver, British Columbia, Canada

Crown Packaging has been in operation for over forty years and operates this facility to manufacture cardboard packaging for various applications including the storage and delivery of fruits and vegetables.

Troy Sprinkler selected the Victaulic Vortex™ Fire Suppression System for this application because it operates with a minimal presence of water – this was a major concern in the protection of this packaging equipment. Repair and replacement parts have long lead times and there is only one global manufacturer to support the equipment.

Further, the operation uses heated paraffin wax in a process for waterproofing the cardboard – since the paraffin is flammable, fires from dust are another possible risk.

This facility is also protected by a Preaction sprinkler system whereas the Victaulic Vortex system is integrated into the packaging manufacturing equipment, installed in spaces where sprinklers cannot be installed because of the high temperatures inside the equipment.

#### SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Victaulic Vortex™ Fire Suppression System	Galvanized Carbon Steel	3/4 – 1 1/2"



#### MARKET:

Fire Protection

#### VICTAULIC SOLUTIONS:

- Minimal Presence of Water
- No Room Integrity Required
- Immediate Activation

#### OWNER:

Crown Packaging

#### ENGINEER/CONSULTANT:

Assured Fire Protection/Troy Sprinkler

#### COMPLETED DATE:

November 2009

