

## project brief

**TYPE OF FACILITY:**  
Chemical Plant



## Dow Chemical

■ Bound Brook, New Jersey



When Dow Chemical, a polyethylene plant in Bound Brook, New Jersey, added a new chiller plant to its existing plant, engineers chose Victaulic products for their speed of installation. The project had to be completed based on seasonal requirements, creating an accelerated piping schedule. Dow did not want to shut down the plant, which required contractors to eliminate other options like welding that require more time.

The Victaulic grooved system, including valves and specialties, was chosen for the chilled and condenser water system. The grooved system has a union at every joint and eliminates the need for a "fire watch." VicPress Stainless Steel was chosen for the nitrogen lines, allowing the contractor to complete the piping installation quickly and on schedule.

### SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Chilled and Condenser Water	Carbon Steel	4 – 30" (114,3 – 762,0mm)
Nitrogen	Stainless Steel Vic Press	½ – 2" (21,3 – 60,3mm)

**MARKET:**  
Chemical

**VICTAULIC SOLUTIONS:**  
Speed of installation

**OWNER:**  
Dow

**CONTRACTORS:**  
Archer Day

**ENGINEER/CONSULTANT:**  
Kvaerner

**COMPLETED DATE:**  
1996

