



CASE HISTORY



A portion of the exterior downstream concrete wall at the Grand Falls Dam was deteriorating to the point where approximately 500 square feet had to be chipped back 12 to 15 inches. As a general contractor was erecting steel reinforcement, it was evident that a significant amount of water was weeping through the wall at several locations. This weeping would hamper the efforts of placing the new concrete. Georgia Pacific's Engineers contacted Jean's Waterproofing, Inc. (JW).

After observing that the existing concrete was very porous, JW drilled ½" holes, 25 inches deep into the wall in a grid pattern covering the entire leaking area and set long injection packers 20 to 23 inches into the holes. This allowed the injection resin to flow through all fine capillaries and fissures within the wall to seal it permanently.

Duroseal Inject 2000, a low viscosity, two component, environmentally friendly, fast curing resin was used to seal the wall completely, allowing a successful concrete placement.

**Project: Grand Falls
Concrete Wall Rehabilitation**

Owner: A Paper Mill In Maine

**Injection
System: Duroseal Inject 2000**

Area: Approximately 400 square feet

Completed: September 1998



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