

# SealGuard Inc.

## WORLD CLASS WATER SEALING SOLUTIONS

### Comparative Application of Polyurethane Grouts

*(Cements vs. Polyurethane)*

<b>Cement</b>	<b>Polyurethane</b>
<b>Bulky application equipment</b>	<b>Simple application equipment</b>
<b>Delayed set times</b>	<b>Adjustable set times to suit conditions</b>
<b>Limitations in flowability and fracture size</b>	<b>As a viscous material, injection into the finest fractures</b>
<b>Final strength in days</b>	<b>90% cure in minutes or seconds</b>
<b>Poor performance in wet conditions</b>	<b>Extremely effective in or around water</b>
<b>Shrinkage a problem upon cure (often requires re-application)</b>	<b>Maintains positive pressure when cured</b>
<b>Very poor adhesive properties</b>	<b>Excellent adhesion even in water</b>
<b>Often presents environmental problems</b>	<b>Many of our formulations are NSF-61 approved for use in Potable Water</b>
<b>Susceptible to washout</b>	<b>Will re-constitute even in flowing water</b>
<b>Injection ceases with cessation of pumping</b>	<b>Even after cessation of pumping material will self-inject</b>
	<b>Up to 13,700 PSI compressive strength</b>