

SealGuard Inc.

WORLD CLASS WATER SEALING SOLUTIONS

Comparative Application of Polyurethane Grouts

(Cements vs. Polyurethane)

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