Appendix B

Laboratory Test Results

Bayer Laboratories

Ditchliner Geotextile/Polyurethane Composite

Polyurethane
Isocyanate Component A

Viscosity @25°C	mPa.s	180
Density @25°C	g/ml	1.24

Polyol Component B

Viscosity @ 25°C	mPa.s	299
Sp. Gr. @ 25°C		1.004

Stoichiometry & Processing Parameters

Mix Ratio		
A-Side	g	41.3
B-side	g	100
Gel Time		adjustable

Geotextile/Polyurethane Composite
Physical Properties

Tensile Strength	psi	1300 - 2000
Elongation	%	45 -65
Puncture Resistance (max. load)	lbs	60 -75
Die C Tear	pli	400 - 500
Split Tear	pli	180 - 240
Peel Strength (concrete)	lbs/in	6 - 8