

ŧd. Testing Metro Laboratories

Engineering Consulting

Testing

Technology Materials

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XYPEX CHEMICAL CORPORATION

RICHMOND, B.C. 13731 MAYFIELD PLACE

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Attn: Mr. Vic Barber

Subject **Bond Pull-Off Testing of Xypex**

Concentrate and Modified Coatings

Off Testing. This testing was completed and the observations are as follows work was to determine the bond strength of each coating application by Bond Pullvarious applications of Xypex Concentrate and Modified Coatings. MTL's scope of Metro Testing Laboratories Ltd (MTL) received six (6) concrete sample blocks with

was applied using a calibrated hydraulic ram and frame combination. to the plate perpendicular to the coating surface until failure had occurred. The load coating surface using a high strength epoxy adhesive. A tensile load was applied Test Method - Testing was conducted by attaching a 4" square steel plate to the

mode of failure was recorded. These observations are summarized as follows Test Observations - Upon test failure, the ultimate load achieved along with the

Coating Type	Sample	Tensile Bond Strength	ıd Strength	Mode of Failure
	I.D.	MPa	psi	
Concentrate + Modified	203 204	1.62 1.35	235 196	50% Coating, 50% Concrete.
	Ave	1.49	216	
Modified	205 206	1.50	218 200	10% Coating, 90% Conc. Surface.
	206 Ave	1.38 1.44	200 209	Spit concrete block prior to failure,
Concentrate	207	1.01	146	40% Coating, 60% Conc. Surface.
			•	75% Coating, 25% Conc. Surface.
	Ave	1.24	180	

questions, please do not hesitate to call. We trust that the information provided meets your requirements and if you have any

Yours truly

Testing Laboratories Ltd

Curtis Syrnyk

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