



**SUMMARY OF TEST RESULTS**  
**XYPEX ADMIX C-5000 Trial Mixes**  
**As Per**  
**AS1478.1-2000, TYPE SN ADMIXTURE**  
**(Average of Two Tests using Type GP Cement)**

Tests were conducted at the Boral Australian Construction Materials Laboratory to investigate the performance of a sample of Xypex Admix C-5000 at dosage rate of 0.5% (by weight of total cement content) against the requirements of AS1478.1-2000, Chemical Admixture for Concrete, for Special Purpose Normal-Setting Admixture (Type SN) Admixture.

Samples Number: 48464, 48465, 48466, 48467.

Date of Mixed: 19.08.2004

Cement: Blue Circle Southern Cement – Type-GP (SL)

Ref No: 17454 VC

AS1478.1 Requirements and Test Results were:

	<u>AS1478.1</u> <u>REQUIREMENTS</u>	<u>CONTROL MIX</u>	<u>MIX CONTAINING</u> <u>XYPEX ADMIX C-5000</u>	
<b>Cement Content (Kg/m<sup>3</sup>)</b>	300 ± 15	300	300	
<b>Slump (mm)</b>	80 ± 10	80	85	
<b>Time of Setting</b>				
<b>Initial</b>	±1 hour	4h:20m	5h:00m	(+0:40m)
<b>Final</b>	±1 hour	6h:05m	6h:40m	(+0:35m)
<b>Water Content (L/m<sup>3</sup>)</b>	Report	200	200	
<b>Drying Shrinkage (56 days)</b>	Test and Report	595 µstrain	575 µstrain	(97%)
<b>Compressive Strength (MPa)</b>				
<u>Age at Test</u>	<u>Minimum % of control</u>			
<b>3 days</b>	90	18.1	19.6	(108%)
<b>7 days</b>	90	25.4	26.9	(106%)
<b>28 days</b>	90	34.6	35.5	(103%)
<b>90 days</b>	90	38.3	39.6	(103%)

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