



SUMMARY OF TEST RESULTS
XYPEX ADMIX C-1000NF 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-1000NF at dosage rate of 0.8% (by weight of total cement content) against the requirements of AS1478.1-2000, Chemical Admixture for Concrete, for Special Purpose Normal-Setting (Type SN) Admixture.

File Number: 488/03
Cement: Blue Circle Southern Cement Type-GP (SL)

Date Mixed: 18.06.2003
Ref No: 14630-35 VC

AS1478.1 Requirements and Test Results were:

	<u>AS1478.1 REQUIREMENTS</u>	<u>CONTROL MIX</u>	<u>MIX CONTAINING XYPEX ADMIX C-1000NF</u>
Cement Content (Kg/m ³)	300 ± 15	300	300
Slump (mm)	80 ± 10	80	85
Time of Setting			
Initial Setting	±1 hour	4h:30m	5h:25m (+0:55m)
Final Setting	±1 hour	6h:15m	7h:00m (+0:45m)
Water Content (L)	Report	210	208
Drying Shrinkage (56 days)	Test and Report	540 µstrain	540 µstrain (100%)
Compressive Strength (MPa)			
<u>Age at Test</u>	<u>Minimum % of Control</u>		
3 days	90%	17.0	19.0 (112%)
7 days	90%	24.5	26.5 (108%)
28 days	90%	35.0	36.0 (103%)
90 days	90%	37.5	38.5 (103%)

10.10.2003
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