



SCIENTIFIC SERVICES BRANCH

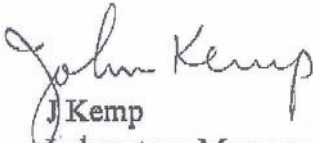
Test Report on PLASTIC BARRIER BOARDS

Report No: M9992

**TESTING OF PLASTIC BARRIER BOARDS.
REQUEST FROM DE NEEFE SIGNS PTY LTD, PURCHASE ORDER
NO. 30220, DATED 9TH MARCH 1995.**

A sample of 3 Plastic Barrier Boards were supplied for testing for compliance with the RTA Specification for Barrier Boards for resistance to impact at 0°C (RTA T1551) after accelerated ageing (28 days at 50°C, RTA T1550).

TABLE OF TEST RESULTS	
SPECIFICATION REQUIREMENT	RESULT
After ageing for 28 days at 50°C (T1550), then subjected to 5 impacts at 0°C (T1551), there shall be no sign of fractures, cracks or splits	Pass


J Kemp
Laboratory Manager
Scientific Services Branch
24 APR 1995

ROADS AND TRAFFIC AUTHORITY N S W
SCIENTIFIC BRANCH LABORATORY
PLASTIC BARRIER BOARDS - PRE-QUALIFICATION TESTING
REPORT N^o M9719 PART 1

BRAND : DE NEEFE
CLIENT : DE NEEFE SIGNS PTY LTD

NUMBER OF BOARDS SUBMITTED : 7
REPORT DATE 12/7/1993

SPECIFICATION	REQUIREMENTS	TEST RESULTS
Mass	Minimum 3.75 kg	4.05 - PASS
Length	2500 mm ± 10 mm	2504 - PASS
Width	190 mm ± 2 mm	190 - PASS
Flange Thickness 'T'	25 mm < T < 33 mm	30 - PASS
Flange Depth 'd'	20 mm > d < 24 mm	23 - PASS
Wed thickness 't'	15 mm < t < (T - 4)	18 - PASS
Colour	AS 2700 Y13 or Y14	Y14 - PASS
Artificial Weathering RTA Test Method T1401	After 1500 hours exposure, No crazing or blistering, AS 1580 481.1 rating	TESTING IN PROGRESS - WILL BE REPORTED AS M9719 PART 2
Impact Resistance RTA Test Method T1551	No fracture, cracking or splitting at 0°C after 28 days ageing at 60°C	3 FAILURES - 1 DROP 1 FAILURE - 2 DROPS
Head resistance RTA Test Method T1552	Maximum 2 mm deflection, No permanent deformation after 2 hours at 50°C	0.25 - PASS NIL - PASS
Bending resistance RTA Test Method T1553	Maximum 100 mm deflection, Maximum 5 mm difference	(i) 82 (ii) 75 - PASS (i) 1 (ii) 1 - PASS
Vehicle Loading	Recover original shape and dimensions after 15 mins	PASS
Yellow/Black Striping	150 mm width at 45° angle	PASS
RTA Logo	150 mm height centrally within all black bands	NO RTA LOGO
Scratch Resistance Of Black Ink	No damage when scratched with edge of coin	PASS
Retro-Reflective Sheeting	Yellow class 2	PASS
Width	Equal to rebated width and also ≥ 140 mm	PASS

REPORTED TO J. KEMP **12 JUL 1993**