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BRE Test Report

Load and Slip Testing of 4 types of Paving Light and 1 Smoke Outlet Panels

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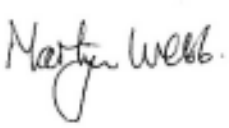
Signature 

Chart 5 shows the load deflection plots for Panels 1, 2 and 3

Chart 5: Load deflection plots for Panels 1, 2 and 3

At 100 kN the deflection was approximately 1 mm which was within acceptable limits of the British Standards

Panel 7 - P150-100

Panel 10 - PC170-100

Panel 13 - P165-110

6 Slip Test results

Given below in Table 7 is a summary of the slip test results further test details are given in subsequent sections

Location	Panel 7	Mean PTV dry	Potential for slip dry	Mean PTV wet	Potential for slip wet
L1	Frosted glass – Concrete – Frosted glass	62	Low	48	Low
L2	Frosted glass	63	Low	44	Low
L3	Frosted glass 90° to L2	61	Low	42	Low
L4	Clear Glass	56	Low	29	Moderate
L5	Clear Glass – concrete – Clear Glass	55	Low	34	Moderate
L6	Frosted glass 90° to L4	57	Low	33	Moderate
Location	Panel 10	Mean PTV dry	Potential for slip dry	Mean PTV wet	Potential for slip wet
L1	Frosted glass	61	Low	36	Low
L2	Frosted glass 90° to L1	60	Low	34	Moderate
L3	Frosted glass – concrete – frosted glass	62	Low	41	Low
L4	Clear Glass	55	Low	23	High
L5	Clear glass 90° to L4	60	Low	25	Moderate
L6	Clear Glass – concrete – Clear Glass	52	Low	35	Moderate
Location	Panel 13	Mean PTV dry	Potential for slip dry	Mean PTV wet	Potential for slip wet
L1	Frosted glass – concrete – frosted glass	66	Low	62	Low
L2	Frosted glass	66	Low	55	Low
L4	Frosted Glass 90° to L2	69	Low	56	Low
L3	Clear Glass	61	Low	30	Moderate
L5	Clear glass 90° to L3	60	Low	33	Moderate
L6	Clear Glass – concrete – Clear Glass	65	Low	42	Low