

SUMMARY OF TEST RESULTS

BBA PRODUCT ASSESSMENT REPORT 1378

RESISTANCE TO WEAR - (Appendix H TRL Report 176) - Simulates long term wear caused by turning traffic.

	SightGRIP	Product A	Product B
	RED	Non SightGRIP RED Coated Bauxite	RED Coloured High friction Thermoplastics
Erosion Index	0	0	0 - 2
Final Texture Depth	1.3 mm	1.1mm	1.0 mm
Colour Changes ΔE^* after 100,000 wheel passes	12.1 - 12.5	13.1 - 13.9	12.4 - 12.5

RESISTANCE TO SCUFFING - (Appendix G TRL Report 176) – High energy test simulating the turning action of traffic and identifies the potential for debonding

	SightGRIP	Product A	Product B
	RED	Non SightGRIP RED Coated Bauxite	RED Coloured High friction Thermoplastics
Erosion Index	0	0	3
Final Texture Depth	1.5 mm	1.5 mm	1.5 mm
Colour Changes ΔE^*	13 - 15.8	22.6 - 26.4	28.2 - 29.1

RESISTANCE TO DIESEL – taken after scuffing (Appendix M. TRL Report 176)

SightGRIP ΔE values between 11.36 and 14.01 Colour retention properties are relatively unaffected.

RESISTANCE TO FREEZE/THAW – taken after scuffing (Appendix L. TRL Report 176)

SightGRIP ΔE values between 7.1 and 8.3, less colour change, relatively unaffected.

RESISTANCE TO EXPOSURE TO SALT SPRAY at 35°C (500 hrs exposure) - BS 3900 : Part F 12: 1985 (1991).

No significant change in colour, or other detrimental effects. ΔE^* less than 1.4 for all **SightGRIP** colours tested.

SKID RESISTANCE VALUE – using portable skid resistance tester (SRV units)

SightGRIP Initial SRV 70 - Final SRV 80 (100K passes) - SRV minimum requirement for classification as High Friction Aggregate = 65.

RESISTANCE TO EXPOSURE TO UV-A RADIATION - QUV weatherometer in accordance with ASTM G 53-96 cycles of 4 hrs QUV-A @ 45°C /4hrs condensation @ 50°C.

PRODUCT	GREEN	OXIDE RED	RED	BLUE	JADE	YELLOW
SightGRIP						
ΔE^* after 2000 hours testing.	4.32	6.14	7.01	8.97	9.76	21.25

ΔE^* = Overall colour change as determined by spectrophotometer CIELAB method.
The greater the value the bigger the colour change.