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SATRA reference: FWT0231422 /1502

Your reference: -

Date of report: 19 January 2015

For the attention of: Sangeeta Aeri

Samples received: 9 January 2015

TECHNICAL REPORT

Subject: Slip resistance test on overshoe using SATRA TM 144:2011. Described as CPE/PP
Deluxe Overshoes 16800 / 16810 / 16890 LD

Conditions of Issue:

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Please note uncertainty of measurement has not been applied to the results in this report. SATRA uncertainty of measurement values are available on request.

Report signed by: Darren Roberts
Position: Head of Footwear Testing
Department: Footwear Testing

SLIP RESISTANCE TEST ON OVERSHOE USING SATRA TM 144:2011. DESCRIBED AS CPE/PP DELUXE OVERSHOES 16800 / 16810 / 16890 LD**SAMPLES SUBMITTED**

We have received samples of overshoes for slip resistance testing.



CPE/PP Delux Overshoe 16800 / 16810 / 16890 LD

TESTING REQUESTED

We have carried out slip resistance tests on the overshoes in accordance with SATRA TM 144: 2011 slip resistance method under dry and wet conditions, under heel and forepart modes against our standard clay tile surface.

In order to test these items we have used a standard shoe (size 10) which has a very flat bottom to maximise contact area.

CONCLUSION

The overshoe has given good results which meet our minimum coefficient of friction recommendation of 0.30.

It is worth noting that these results indicated that the overshoes are generally acceptable but the testing was carried out with shoes of a particularly flat profile and they may give lower results when worn over shoes with a different profile. In addition the footwear was tested against our standard clay tile surface under dry and wet conditions. The overshoes may give lower results in other surfaces and contaminant combinations.

TEST RESULTS

Reference and description		CPE/PP Delux Overshoe 16800 / 16810 / 16890 LD	
Property	Test method	Test	Result
Slip resistance	SATRA TM 144: 2011	Samples tested dry then wet:	
		Heel against dry clay tile	0.57
		Heel against wet clay tile	0.34
		Forepart contact against dry clay tiles	0.63
		Forepart contact against wet clay tiles	0.38
		Samples tested wet then dry:	
		Heel against dry clay tile	0.53
		Heel against wet clay tile	0.32
		Forepart contact against dry clay tiles	0.58
		Forepart contact against wet clay tiles	0.39

Note: In any complaint involving slip the floor surface itself and other (non footwear) factors will have an important bearing on the performance of the footwear. It will be impossible to make footwear resistant to slip under all conditions which may be encountered in wear. However, problems of slip should be minimised if the guideline friction coefficients are achieved.

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Issue Date: 1st October 2009