

TEST REPORT No. 294270

Place and date of issue: Bellaria-Igea Marina - Italy, 11/05/2012

Customer: IVAS S.p.A. - Via Bellaria, 40 - 47030 SAN MAURO PASCOLI (FC) - Italy

Date test requested: 09/05/2012

Order number and date: 56302, 10/05/2012

Date specimen received: 04/05/2012

Test date: 09/05/2012

Purpose of test: Determination of slip resistance of rubber on a wet surface and leather on a dry surface in accordance with clause 8.2.2 of Ministerial Decree No. 236 dated 14/06/1989

Test site: Istituto Giordano S.p.A. - Blocco 8 - Via del Lavoro, 1 - 47814 Bellaria-Igea Marina (RN) - Italy

Specimen origin: sampled and supplied by the Customer

Identification of specimen received: No. 2012/0968

Description of specimen*

The test specimen is a coating of paint called "Metropolis Line" applied to a panel of size 100 × 80 cm

Normative References

The test was performed in accordance with the provisions of Ministerial Decree No. 236 dated 14/06/1989 "Prescrizioni tecniche necessarie a garantire l'accessibilità, l'adattabilità e la visitabilità degli edifici privati e di edilizia residenziale pubblica sovvenzionata e agevolata, ai fini del superamento e dell'eliminazione delle barriere architettoniche" (*"Technical requirements necessary to guarantee the accessibility, adaptability and visitability of private buildings and subsidised public residential housing for the purpose of overcoming and removing architectural barriers"*), clause 8.2.2 "Pavimentazioni - Determinazione del coefficiente d'attrito dinamico - Metodo B.C.R.A." (*"Floors - Determination of the dynamic coefficient of friction - BCRA Method"*).

(*) according to that stated by the Customer.

Comp. AV
Revis. LC

This test report consists of 2 sheets.
This document is the English translation of the test report No. 294270 dated 11/05/2012 issued in Italian.
Date of translation: 17/07/2013.

Sheet
1 of 2

Test method

The test was carried out using a “Tortus” tester to measure the dynamic coefficient of friction between a slider and the test surface; this self-propelled instrument traverses the test surface at a speed of 17 mm/s.

A load of 200 g was applied to the slider.

Test results

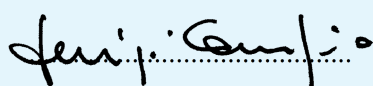
Specimen	Test conditions	Recorded coefficient of friction values					Average coefficient of friction μ	Requirements*
“Metropolis Line” paint	Leather on a dry surface	0,50	0,56	0,54	0,53	0,53	0,53	$\mu > 0,40$
	Rubber on a wet surface	0,64	0,67	0,64	0,65	0,65	0,65	$\mu > 0,40$

(*) Clause 8.2.2 of Ministerial Decree No. 236 dated 14/06/1989 implementing the regulations laid down by Section 1 of Act 13 dated 9th January 1989.

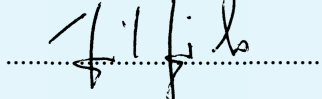


Photo of specimen during testing

Test Technician
(Per. Ind. Luigi Consiglio)



Head of Building Materials
Laboratory
(Dott. Geol. Gianluca Ferraiolo)



Managing Director
(Dott. Ing. Vincenzo Iommi)

