



RENOSA ITALIA S.R.L.

**TEST REPORT n° 1591/09**

**"JUPARANÀ BORDEAUX" – Polished + Safestone R10**  
This Test Report is released in English on request of the Client.

Volargne, 24/02/2009

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Client: **RENOSA ITALIA S.R.L.**

Request: your written request further to our proposals Prot n. 3139 of 24/01/2008.

Samples: Specimens of natural stone named **"JUPARANÀ BORDEAUX"** with shape and size suitable for testing were delivered to our office by 20/02/2009.

Information: Reference:  
(supplied by the Client)

Requested tests: **DIN 51130:2004**  
Prüfung von Bodenbelägen Bestimmung der rutschhemmenden Eigenschaft Arbeitsräume und Arbeitsbereiche mit erhöhter Rutschgefahr Begehungsverfahren – Schiefe Ebene;  
Testing of floor coverings; determination of the anti-slip properties; slipperiness resistance (ramp method); surface finish: **POLISHED + SAFESTONE R10**

Entrance n° 1475 of 20/02/2009.

Description: holocrystalline medium-grained magmatic stone, mainly dark orange-pink and grey in colour, with orange-pink , grey and black crystals.

This Test Report refers only to the tested sample.  
The Test Report may not be partially reproduced without the written consent of the Laboratorio Prove.  
Samples are stored by the laboratory as long as two months.



*Alessandro Prodomi*  
Alessandro Prodomi  
(Technical Operator)

*Grazia Signori*  
Grazia Signori  
(responsible of Laboratorio Prove)

CENTRO SERVIZI MARMO S.c.a r.l.  
LABORATORIO PROVE

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### TEST RESULTS

#### Slipperiness Resistance according to DIN 51130:2004 (ramp method)

(Prüfung von Bodenbelägen Bestimmung der rutschhemmenden Eigenschaft Arbeitsräume und Arbeitsbereiche mit erhöhter Rutschgefahr Begehungsverfahren – Schiefe Ebene DIN 51130)

Identification of specimens: 1475 -1  
Date of testing: 24/02/2009  
Number, shape and size of specimens: 4 tiles 305x305x10 mm  
Technical operators: G. Signori, A. Prodomi  
Instrument: Gabbrielli, matr. 12



Surface finish: *POLISHED + SAFESTONE R10*

Limit angle	Measured	Correct
A Operator	15,4 °	12,8 °
B Operator	17,4 °	14,8 °
Average total acceptance angle		<b>13,8 °</b>
Classification class of anti-slip properties		<b>R10</b>

Joint area not present

#### Classification class of anti-slip properties according to DIN 51130:2004

from 6° to 10°	R 9
from 10° to 19°	R10
from 19° to 27°	R11
from 27° to 35°	R12
over 35°	R13

according to **ZH 1/571:93** (Merkblatt für Fußböden in Arbeitsräumen und Arbeitsbereichen mit Rutschgefahr)  
**from 10° to 19°** **R10**

*Alessandro Prodomi*  
Alessandro Prodomi  
(Technical Operator)

*Grazia Signori*  
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(responsible of Laboratorio Prove)

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