



RENOSA ITALIA S.R.L.

TEST REPORT n° 1692/09

"BIANCO CRISTAL" – Polished + Safestone R9

This Test Report is released in English on request of the Client.

Volargne, 10/07/2009

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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 **"BIANCO CRISTAL"** with shape and size suitable for testing were delivered to our office by 10/07/2009.


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 R9**


Entrance n° 1597 of 10/07/2009.

Description: holocrystalline medium- to fine-grained magmatic stone, mainly whitish grey in colour, with pluri-millimetrical 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
(Technical Operator)




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: 1597 -1
Date of testing: 10/07/2009
Number, shape and size of specimens: 2 slabs 600x600x13 mm
Technical operators: G. Signori, A. Prodomi
Instrument: Gabrielli, matr. 12



Surface finish: POLISHED + SAFESTONE R9

Limit angle	Measured	Correct
A Operator	12,0 °	9,4 °
B Operator	12,5 °	9,9 °
Average total acceptance angle		9,6°
Classification class of anti-slip properties		R9

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 6° to 10° R9

Alessandro Prodomi
(Technical Operator)

Grazia Signori
(responsible of Laboratorio Prove)

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