ISTITUTO GIORDANO

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TEST REPORT No. 303223

Place and date of issue: Bellaria-Igea Marina - Italy, 25/02/2013

Customer: CHIMIVER PANSERI S.p.A. - Via Bergamo, 1401 - 24030 PONTIDA (BG) - Italy

Date test requested: 29/01/2013

Order number and date: 58655, 29/01/2013

Date sample received: 04/02/2013

Test date: 19/02/2013

Purpose of test: performance analysis of applied coating systems in accordance with standards UNI EN ISO 2813:2001 and UNI 10559:1996

Test site: Istituto Giordano S.p.A. - Blocco 4 - Via San Mauro, 8 - 47814 Bellaria-Igea Marina (RN) - Italy

Sample origin: sampled and supplied by the Customer

Identification of sample received: No. 2013/0209

Sample name*

The test sample is called "ECOSTAR 2K Sport".

ISTITUTO GIORDANO DI RICERCHE DI FISICA
LABORATORI DI ANALISI CHIMICHE
RIMINI (ITALY)

(*) according to that stated by the Customer.

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Description of sample*

The test sample is a coating system applied to timber panels.

Normative References

The test was carried out in accordance with the requirements of the following standards:

- UNI EN ISO 2813:2001 dated 31/01/2001 "Prodotti vernicianti - Determinazione della brillantezza speculare di film di pittura non metallizzata a 20°, 60° e 85°" *("Paints and varnishes - Determination of specular gloss of non-metallic paint films at 20°, 60° and 85°")*;
- UNI 10559:1996 dated 31/07/1996 "Prodotti vernicianti. Determinazione della resistenza all'abrasione con l'apparecchio "TABER"" *("Paints and varnishes. Determination of abrasion resistance using a Taber apparatus")*.

Test method

The sample underwent the following tests:

- determination of gloss at 85°;
- determination of the abrasion resistance with CS10 abrasive wheels.

Test results

Determination	Result
Determination of gloss at 85°	34,7 ± 0,4 Gloss
Determination of abrasion resistance using "CS10" abrasive wheels after 1000 revolutions (mass loss)	20,3 mg/1000 rev

(*) according to that stated by the Customer.

Test Technician
(Dott. Oscar Filippini)

ISTITUTO GIORDANO DI RICERCHE DI CHIMICA S.r.l. LABORATORI DI ANALISI CHIMICHE BELLARIA (ITALY)

Head of
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(Dott. Oscar Filippini)

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