

TEST REPORT No. 367801

Customer

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

Item*

two-component water-based paint for resin floors

Activity

**slip/skid resistance in accordance with standard
UNI EN 13036-4:2011**



Results

Conditions	Mean pendulum test value
dry surface	63 PTV
wet surface	25 PTV

(* according to that stated by the customer.

Bellaria-Igea Marina - Italy, 16 December 2019

Chief Executive Officer

Order:
81781

Item origin:
sampled and supplied by the customer

Identification of item received:
2019/2481 dated 9 October 2019

Activity date:
5 December 2019

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

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The results relate only to the item examined, as received, and are valid only in the conditions in which the activity was carried out.

This document is the English translation of the test report No. 367801 dated 16 December 2019 issued in Italian; in case of dispute the only valid version is the Italian one. Date of translation: 30 December 2019.

The original of this document consists of an electronic document digitally signed pursuant to the applicable Italian Legislation.

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Per. Ind. Luigi Consiglio

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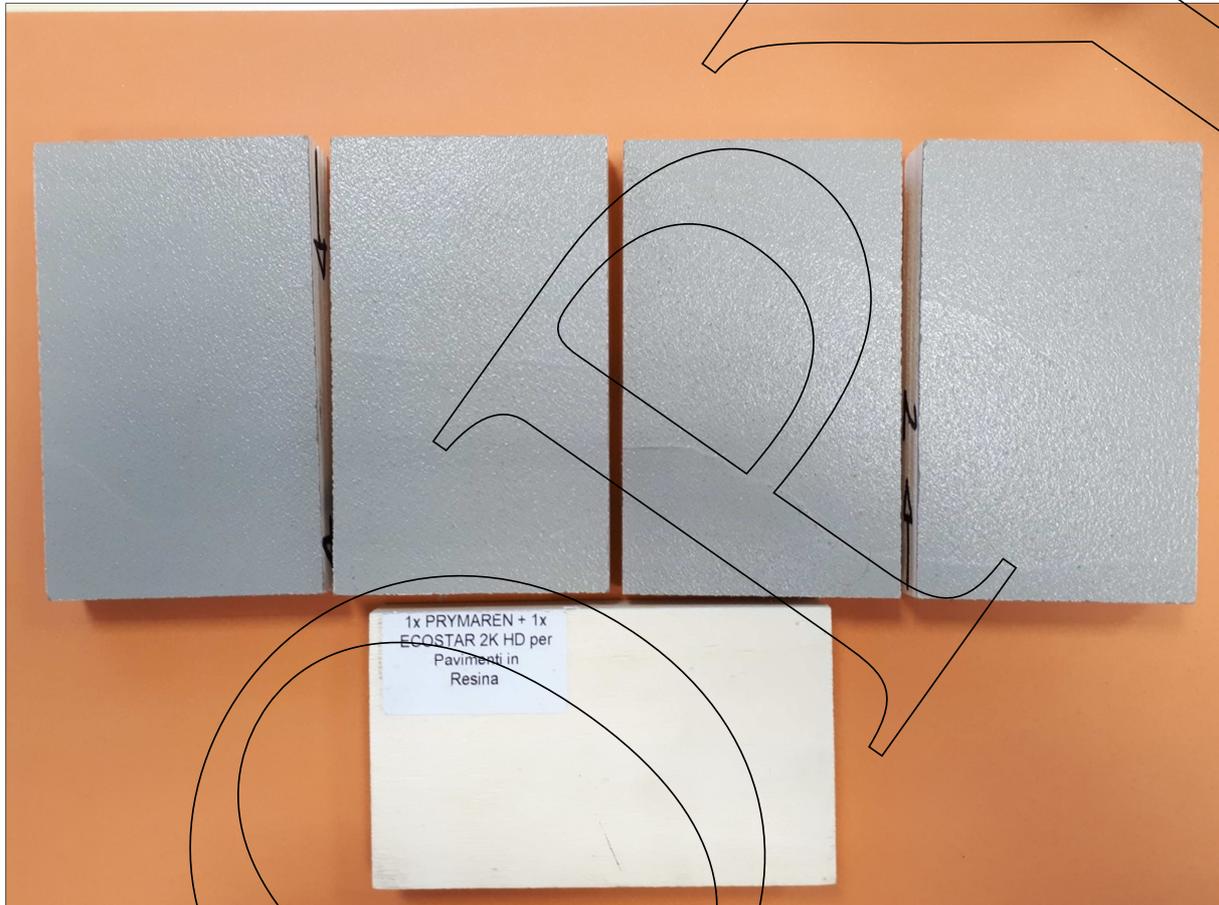
Reviewer: Dott. Geol. Gianluca Ferraiolo

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Description of item*

The item under examination consists of 10 wooden specimens, nominal dimensions 140 mm x 90 mm, painted with the "ECOSTAR 2K HD for resin floors" cycle with the following application methods:

- No. 1 coat of one-component primer "PRYMAREN";
- No. 1 coat of water-based "ECOSTAR 2K HD for resin floors" in the ratio of approximately 80 g/m² per coat, without sanding between one product and another.



Test piece photo

Normative references

Standard	Title
UNI EN 13036-4:2011	Road and airfield surface characteristics - Test methods - Part 4: Method for measurement of slip/skid resistance of a surface: The pendulum test

Apparatus

Description	In-house identification code
Controls 48-B0190 portable skid resistance and friction tester, serial number 05021381	SC304

(*) according to that stated by the customer, apart from characteristics specifically stated to be measurements. Istituto Giordano declines all responsibility for the information and data provided by the customer that may influence the results.

Method

The test involves determining the sliding friction resistance using a portable apparatus with a pendulum whose unrestrained end is fitted with a slider manufactured of rubber of international rubber hardness degree (IRHD) (96 ± 2) . The energy loss caused by the friction of the slider is measured in PTV units over a specified length of the item under both wet and dry conditions.

Results

Dry conditions

Test piece [n.]	1 st measurement [PTV]	2 nd measurement [PTV]	3 rd measurement [PTV]	4 th measurement [PTV]	5 th measurement [PTV]	Mean value [PTV]	Temperature [°C]	Mean corrected value [PTV]
1	64	64	62	63	63	63,2	20	63,2
2	65	64	63	62	62	63,2	20	63,2
3	61	61	62	62	63	61,8	20	61,8
4	62	62	63	63	61	62,2	20	62,2
5	60	60	62	62	63	61,4	20	61,4
Mean								63

Wet conditions

Test piece [n.]	1 st measurement [PTV]	2 nd measurement [PTV]	3 rd measurement [PTV]	4 th measurement [PTV]	5 th measurement [PTV]	Mean value [PTV]	Temperature [°C]	Mean corrected value [PTV]
1	24	26	25	24	25	24,8	20	24,8
2	24	24	24	25	24	24,2	20	24,2
3	26	27	26	25	26	26,0	20	26,0
4	28	27	26	26	25	26,4	20	26,4
5	26	25	24	25	24	24,8	20	24,8
Mean								25

Test surface temperature [°C]	5-7	8-10	11-15	16-18	19-22	23-29	30-35	36-40
Correction to measured value	- 4	- 3	- 2	- 1	0	+ 1	+ 2	+ 3