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Your reference: Mr. P. Johansson
Your message of: 10-06-2006
Our reference: 55150/901 1690-3/Kf/C
Stuttgart/date 11-07-2006

Please address your correspondence to Materials Testing Institute University of Stuttgart only.

Subject: Floor panels

Dear Sirs,

you commissioned us to carry out the following tests on coated panels:

Panel 1: (1 coat Sportive Primer + 2 coats of Sportive Finish Matt)

- friction — acc. to EN 13036-4
- resistance to wear — acc. to EN 5470-1 (C10 wheels; 500 g load, 1000 cycles)
- specular gloos — acc. to EN 2813 (angle of incidence 85°)

Panel 2: (1 coat Sportive Primer + 2 coats of Sportive Finish Gloss)

- friction — acc. to EN 13036-4
- resistance to wear — acc. to EN 5470-1 (C10 wheels; 500 g load, 1000 cycles)

Panel 3: (1 coated with Sportive Finish + maintained with Freshen UP)

- friction — acc. to EN 13036-4

In the following table the results obtained are summerized and as a comparison the requirements in EN 14904 (mean values and allowed range) are tabulated.

Panel-no.	Test Procedure	Test result	Requirement acc. to EN 14904
1	friction acc. to EN 13036-4	81 (+ 4 / - 3)	80 – 110 (mean +/-4 units)
	resistance to wear acc. to EN ISO 5470-1 (C10 wheels, 500 g load, 1000 cycles)	54 mg / 1000cycles	coating and lacquers: ≤ 80 mg /1000 cycles
	specular gloss acc. to EN 13036-4 (angel of incidence 85°	38	lacquered surfaces: ≤ 45
2	friction acc. to EN 13036-4	87 (+ 3 / - 2)	80 – 110 (mean +/-4 units)
	resistance to wear acc. to EN ISO 5470-1 (C10 wheels, 500 g load, 1000 cycles)	69 mg / 1000cycles	coating and lacquers: ≤ 80 mg /1000 cycles
3	friction acc. to EN 13036-4	107 (+ 3 / - 4)	80 – 110 (mean +/-4 units)

Yours sincerely,
Materials Testing Institute University of Stuttgart

i. A. Hans-Peter Knauf

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Section Leader

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