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DAP-P-01.491-00-98-00  
Laboratory accreditation after DIN EN 45001 by the  
DAP Deutsches Akkreditierungssystem Prüfwesen  
GmbH. Accreditation applies to the mentioned tests  
in the accreditation certificate

## Test Report 0319/03

for

**Excellent Systems A/S**  
**P.O. Box 32 DK-8544 Mørke Denmark**  
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1. **Test specimen:** Comfort Flooring Elements (plastic elements 250\*250\*18 mm (grid structure))
2. **Date of arrival:** 28.03.2003
3. **Date of testing:** 23. – 24.04.2003
4. **Test Method:**
- Determination of the anti-slip properties of floor coverings according to DIN 51097 (wet-loaded barefoot areas; walking method – ramp test)
  - Determination of the anti-slip properties of floor coverings according to DIN 51130 (work-rooms and fields of activities with raised slip danger, walking method – ramp test)
5. **Sampling / Sample preparation:** The contractor performed sampling and delivery of the samples. The samples were delivered ready for testing.
6. **Results:**
- |  |                            |
|--|----------------------------|
| DIN 51097: average angle of inclination: 27,4° | <b>Classification: C</b>   |
| DIN 51130: average angle of inclination: 11,1° | <b>Classification: R10</b> |
| displacement volume: without testing (grid)    | <b>Classification: V10</b> |

DIN 51097	Average acceptance angle of inclination	Classification
	≥ 12°	A
	≥ 18°	B
	≥ 24°	C
DIN 51130	Corrected average acceptance angle of inclination	Classification
	10° to 19°	R 10
	19° to 27°	R 11
	27° to 35°	R 12
	> 35	R 13
	Displacement volume in cm <sup>3</sup> /dm <sup>2</sup>	Classification
	4	V4
	6	V6
	8	V8
	10	V10

7. **Testing Uncertainties:** DIN 51097 and DIN 51130: The acceptable measuring error of the used inclination measuring device < 0,2°. DIN 51130: The limit of comparison for the average acceptance angles amounts to 1° with a probability level of 95 %.
8. **Conclusion:** All investigations were done in view of the latest scientific-technical trends and to the best of one's knowledge and belief. The testing results exclusively refer to the test specimen. In order to avoid misinterpretations the present report may only be copied and transmitted in its completeness. For a copy of extracts of the report a written permission by the FGK is required.

ppa. Dr. Dirk Penner  
(Head of Laboratory)  
Höhr-Grenzhausen, den 28.04.03/i/pf-sk

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