

Test report.

Test was provided in Sherwin-Williams Laboratory Bello Sweden

1. Research subject.

Subject of the research was examination of resistances and durability of a certain finishing system and substrate (beech bent chairs) treated by the system. The treated chairs were exposed to predefined artificial cycles of changed temperature and humidity.

2. Name and address of producer of the chairs and applicator of the finishing system:

Paged Meble S.A.
ul. Cieszyńska 99
43-385 Jasienica

3. Description of the tested subject

Bent solid beech chairs (total 4 chairs, Study No.1 and No.2) saturated by an organic impregnation + colored by a stain + overcoated by a waterborne lacquer. The specification of the finishing materials and technology is owned by Paged Meble S.A.

4. Test method used

The testing procedure was carried out in facilities of Sherwin Williams Sweden in climate chamber ARALAB for 1000 hours. Test parameters are attached in Annex No.1. The procedure was designed in accordance to our best knowledge and experience with finishing of wooden exterior subjects and related European standards.

5. Dates of the research:

-Study No.1. 20Jan2018 – finalized
-Study No.2. 09Apr2018 – finalized

Sherwin-Williams Poland sp. z o.o.

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6. Test results

Mutual evaluation by tech specialists of Paged and Sherwin-Williams:

No visible defects or degradation of the tested chairs and/or of their wood and/or their construction and/or surface treatment were detected.

7. Declaration/information

In accordance to our best knowledge and experience this testing procedure and exposure time can be to certain extend similar to 1-3 years of exposure to natural exterior weathering in high humidity climate (without exposure to sun). However - due to the variability of atmospheric condition and unpredictable exterior factors these results should be understood as approximate and assumed.

It is advisable to perform also tests under natural conditions of exterior environment and under regular time for having fully trustworthy results.

Robert Daniluk



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Aneks do Informacji o przeprowadzonych testach krzeseł "outdoor" dla Paged

Cykl badawczy:

Step	Substep	Temperature (°C)	Relative humidity (%)	Time	Setting
1 (4 hours)	1	20	98	10 min	Ramp
	2	20	98	3 h 50 min	Plateau
2 (2 hours)	1	50	80	10 min	Ramp
	2	50	80	1 h 50 min	Plateau
Steps 1 and 2 are repeated 18 times for total of 4.5 days					
3 (60 hours=2,5 days)	1	23	50	10 min	Ramp
	2	23	50	59 h 50 min	Plateau
Total time for a cycle 7 days (4,5+2,5=7 days)					
Cycle is repeated 6 times for a total of 6 weeks					

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