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Braunschweig, March 10, 2012

English summary of report (20-2-2012): Evaluation of the resistance of WPC decking profiles against wood-destroying fungi (basidiomycetes).

Client: NATUR-in-FORM GmbH, Flurstrasse 7, 96257 Redwitz an der Rodach, Germany.

According to our report from February 20, 2012, WPC-decking profiles manufactured by company NATUR-in-FORM were evaluated regarding their resistance against wood-destroying fungi (basidiomycetes).

The tests were performed according to modified DIN ENV 12038 (Durability of wood and wood-based products – Wood-based panels – Method of test for determining the resistance against wood-destroying basidiomycetes; 2002).

The tested WPC were allocated to a durability class according to the following provisional durability rating scale from DIN CEN/TS 15083-1 (Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods – Part 1: Basidiomycetes; 2005):

Durability class	Description	Per cent loss in mass
1	Very durable	≤ 5
2	Durable	> 5 to ≤ 10
3	Moderately durable	> 10 to ≤ 15
4	Slightly durable	> 15 to ≤ 30
5	Not durable	> 30

The tested WPC-decking profiles of NATUR-in-FORM were allocated to **durability class 1 (very durable)** according to DIN CEN/TS 15083-1 (2005).



i.A. Dr. Arne Schirp

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