

NATURE RESEARCH CENTRE
Biodestructor research laboratory

Determination of straw layer resistance to mould fungi under increased humidity conditions, in accordance with LST EN ISO 846:1999 standard

report

Vilnius,

22 April 2013

The work was performed from 26-03-2013 to 22-04-2013 according to order/agreement No PR-4-9 of UAB Ecococon (company number 302094574), made on 26-03-2013.

Objective and tasks of work:

To determine the resistance of straw layer samples to mould fungi under increased humidity conditions according to the modified Australian standard ONORM B 6010 and by evaluating the overgrowth of test samples with mould fungi in accordance with LST EN ISO 846:1999.

Conclusions:

1. Under increased humidity conditions, straw panels may be slightly affected by mould fungi in 28 days.
2. In accordance with LST EN ISO 846:1999 standard, the damage of straw panels and increased humidity conditions after 28 days was rated at no more than 2 points.
3. No mould fungi development was noted on control samples kept under room humidity conditions (relative air humidity 50%) – rating 0 points.

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